

## THIAZOLYLPIPERIDINE DERIVATIVES AS MTP INHIBITORS

**[0001]** The invention relates to compounds that are inhibitors of microsomal triglyceride transfer protein (MTP), to pharmaceutical compositions comprising same, and to the use thereof in medicine.

**[0002]** MTP (microsomal triglyceride transfer protein) is a transfer protein located in the reticulum of hepatocytes and enterocytes, which catalyses the assembly of biomolecules that transport triglycerides, the apo B lipoproteins.

**[0003]** The term apo B more particularly denotes apoprotein 48 of the intestine and apoprotein 100 of the liver.

**[0004]** Mutations in MTP or in the B apoproteins are reflected in man by very low levels or even an absence of apo B lipoproteins. The lipoproteins containing apo B (chylomicrons, very low density lipoproteins) and their metabolic residues (chylomicron remnants, low density lipoproteins) are recognized as being a major risk factor in the development of atherosclerosis, a major cause of death in industrialized countries. It is observed that, in individuals who are heterozygous for these mutations, levels reduced on average by a half are associated with a low cardiovascular risk (C.J. Glueck, P.S. Gartside, M.J. Mellies, P.M. Steiner, *Trans. Assoc. Am. Physicians*, **90**, 184 (1977)). This suggests that modulation of the secretions of triglyceride-rich lipoproteins by means of MTP antagonists and/or of secretion of apo B might be useful in the treatment of atherosclerosis and more broadly of pathologies characterized by an increase in apo B lipoproteins.

**[0005]** Molecules that inhibit MTP and/or the secretion of apo B might thus be useful for the treatment of hypertriglyceridaemia, hypercholesterolaemia and

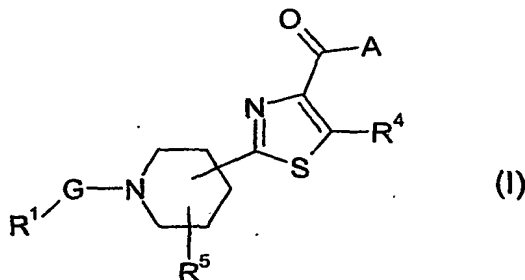
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dyslipidaemia associated with diabetes, and also for the prevention of and treating obesity.

[0006] It has now been discovered that certain compounds of thiazolypiperidine structure have inhibitory properties towards MTP and/or apoB secretion.

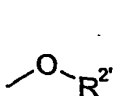
[0007] As a result of this activity, these compounds have an entirely advantageous possible application in the treatment of hypertriglyceridaemia, hypercholesterolaemia and dyslipidaemia associated with diabetes, and also with the prevention and treatment of obesity.

[0008] Thus, the present invention relates firstly to compounds of thiazolypiperidine structure of the general formula (I):



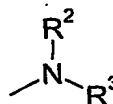
in which:

- A represents a radical chosen from radicals a1 and a2 below:



a1

;



a2

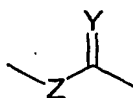
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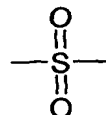
- G represents a divalent bond or radical chosen from groups g1, g2 and g3 below:



g1



g2



g3

- R<sup>1</sup> is chosen from hydrogen and an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl, alkylcarbonyl or alkoxy carbonyl radical;
- R<sup>2</sup>, R<sup>2'</sup> and R<sup>3</sup>, which may be identical or different, are chosen, independently of each other, from a hydrogen atom, an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl or heteroaryl radical and a radical -NRR'; or
- R<sup>2</sup> and R<sup>3</sup> together form, with the nitrogen atom that bears them, a heterocycle;
- R<sup>4</sup> and R<sup>5</sup>, which may be identical or different, are chosen, independently of each other, from a hydrogen atom, an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl or heteroaryl radical and a radical -NRR';
- R and R', which may be identical or different, represent, independently of each other, a hydrogen atom or a radical chosen from alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl and heteroaryl; or together form, with the nitrogen atom that bears them, a heterocycle, or together form the double bond of an alken-1-yl radical;
- Y represents an oxygen or sulfur atom; and
- Z represents -NH- or an oxygen atom;

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and possible oxidized forms, especially amine oxides, thereof, the solvates and the hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

**[0009]** The definitions that follow specify the natures of the various groups and radicals defined above. Unless otherwise mentioned, these definitions apply for all the terms of the present invention thus explained.

**[0010]** The term "halogen atom" denotes a fluorine, chlorine, bromine or iodine atom.

**[0011]** The term "alkyl" denotes a linear or branched alkyl radical containing from 1 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thio, hydroxyl, thiol, -NRR' (where R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

**[0012]** Examples of alkyl radicals, which may be optionally substituted as indicated above, are methyl, ethyl, propyl, isopropyl, butyl, isobutyl, *tert*-butyl, pentyl, isopentyl, neopentyl, 2-methylbutyl, 1-ethylpropyl, hexyl, isohexyl, neo-hexyl, 1-methylpentyl, 3-methylpentyl, 1,1-dimethylbutyl, 1,3-dimethylbutyl, 1-ethylbutyl, 1-methyl-1-ethylpropyl, heptyl, 1-methylhexyl, 1-propylbutyl, 4,4-dimethylpentyl, octyl, 1-methylheptyl, 2-methylhexyl, 5,5-dimethylhexyl, nonyl, decyl, 1-methylnonyl, 3,7-dimethyloctyl and 7,7-dimethyloctyl.



[0013] The term "alkenyl" denotes a linear or branched alkyl radical comprising at least one unsaturation in double bond form and containing from 2 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)-alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, hetero-arylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0014] Examples of alkenyl radicals, which may be optionally substituted as indicated above, are ethylenyl, propenyl, propadienyl, butenyl, butadienyl, pentenyl, pentadienyl, hexenyl, hexadienyl, heptenyl, heptadienyl, octenyl, octadienyl, nonenyl, nonadienyl, decenyl and decadienyl, and also the branched isomers thereof, the absence of indication of the position of the double bond(s) being necessarily understood as meaning that no limitation is placed on the double bond(s). For example, the "pentenyl" radical includes, without preference, the pent-1-en-1-yl, pent-2-en-1-yl and pent-3-en-1-yl radicals, but also the pent-1-en-2-yl, pent-2-en-2-yl and pent-3-en-2-yl radicals, as well as the pent-1-en-3-yl, pent-2-en-3-yl and pent-3-en-3-yl radicals.

[0015] The term "alkynyl" denotes a linear or branched alkyl radical comprising at least one unsaturation in triple bond form and containing from 2 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl

(alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkyl-carbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkyl-aminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, hetero-cycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroaryl-  
5 carbonyl, heteroaryloxy or heteroarylthio radical.

**[0016]** Examples of alkynyl radicals, which may be optionally substituted as indicated above, are ethynyl, propynyl, propadiynyl, butynyl, butadiynyl, pentynyl, pentadiynyl, hexynyl, hexadiynyl, heptynyl, heptadiynyl, octynyl, octadiynyl,  
10 nonynyl, nonadiynyl, decynyl and decadiynyl, and also the branched isomers thereof, the absence of indication of the position of the double bond(s) being necessarily understood as meaning that no limitation is placed on the double bond(s). For example, the "pentynyl" radical includes, without preference, the pent-1-yn-1-yl, pent-2-yn-1-yl and pent-3-yn-1-yl radicals, but also the pent-1-yn-2-yl,  
15 pent-2-yn-2-yl and pent-3-yn-2-yl radicals, as well as the pent-1-yn-3-yl, pent-2-yn-3-yl and pent-3-yn-3-yl radicals.

**[0017]** The term "cycloalkyl" denotes a monocyclic, bicyclic or tricyclic, bridged or unbridged cycloalkyl radical containing from 3 to 13 carbon atoms,  
20 optionally comprising one or more double bonds, also including spirane compounds, and optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one  
25 or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonyl-amino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkyl-  
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thio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or hetero-arylthio radical.

[0018] Examples of cycloalkyl groups, which are optionally substituted as indicated above, are especially cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl and cyclodecyl, adamantyl, diamantyl, norbornyl and bornyl groups.

[0019] The term "heterocycloalkyl" denotes a monocyclic, bicyclic or tricyclic radical containing a total of from 3 to 13 atoms, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, the other atoms being carbon atoms, the said heterocyclic radical also optionally comprising 1, 2, 3 or 4 double bonds, also including spirane compounds, and being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0020] In particular, saturated or partially unsaturated, monocyclic heterocycles of 5 to 8 atoms are saturated, or partially unsaturated, derivatives of the heteroaryls defined later. More particularly, among the heterocycloalkyl radicals that may be mentioned are morpholino, morpholinyl, piperidyl, thiazolidinyl, oxazolidinyl, tetrahydrothienyl, tetrahydrofuryl, tetrahydropyranyl, pyrrolidinyl, isoxazolidinyl, imidazolidinyl and pyrazolidinyl radicals.

[0021] The term "aryl" denotes a monocyclic, bicyclic or tricyclic aryl radical containing from 6 to 14 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhalo-alkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, a phosphoric acid derivative [(alkyl-O)<sub>2</sub>-P-O-alkyl], alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxy-carbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cyclo-alkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocyclo-alkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0022] Aryl radicals that may be mentioned, in a non-limiting manner, include phenyl, naphthyl, anthryl and phenanthryl radicals.

[0023] The term "heteroaryl" denotes a monocyclic, bicyclic or tricyclic aromatic radical containing a total of from 3 to 13 atoms, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, optionally in oxidized form (in the case of nitrogen and sulfur), the other atoms being carbon atoms, the said heteroaryl radical being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhalo-alkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkyl-

carbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, hetero-arylcarbonyl, heteroaryloxy or heteroarylthio radical.

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**[0024]** Preferably, at least one of the monocycles constituting the hetero-cycle contains from 1 to 4 endocyclic hetero atoms and more preferably from 1 to 4 endocyclic hetero atoms. According to the invention, the heterocyclic polycyclic nucleus consists of one or more monocycles each containing from 5 to 8 atoms  
10 included in the ring.

**[0025]** Examples of heteroaryl radicals, optionally substituted as has just been described, are radicals derived from heteroaromatic compounds, such as pyridine, furan, thiophene, pyrrole, imidazole, thiazole, isothiazole, isoxazole,  
15 furazane, pyridazine, pyrimidine, pyrazine, thiazines, oxazole, pyrazole, oxadiazole, triazole and thiadiazole. Among the preferred heteroaryls that may be mentioned are pyridyls, pyrimidinyls, triazolyls, thiadiazolyls, oxazolyls, thiazolyls and thienyls.

**[0026]** Examples of bicyclic heteroaryl radicals in which each monocycle contains from 5 to 8 endocyclic atoms are derived from aromatic compounds chosen from indolizine, indole, isoindole, benzofuran, benzothiophene, indazole, benzimidazole, benzothiazole, benzofurazane, benzothiofurazane, purine, quino-  
20 line, isoquinoline, cinnoline, phthalazine, quinazoline, quinoxaline, naphthyridines, pyrazolotriazines, pyrazolopyrimidine and pteridine.

**[0027]** Among the heteroaryls defined above, quinolyl, pyridyl, benzotriazolyl, triazolyl, acridyl, phenazinyl and carbazolyl radicals are preferred.

**[0028]** When the radicals  $R^2$  and  $R^3$  form, together with the nitrogen atom that bears them, a heterocycle, the said heterocycle is a monocycle, bicycle or  
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tricycle containing a total of from 3 to 13 atoms including the nitrogen atom, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, the other atoms being carbon atoms, the said heterocycle also optionally comprising 1, 2, 3 or 4 double bonds, also including spirane compounds, and  
5 being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl  
10 (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, hetero-aryloxy or heteroarylthio radical.

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[0029] For the compounds of the formula (I) presented above, the term "geometrical isomer" means a *cis/trans* or *E/Z* isomerism. More particularly, the possible double bond(s) present in the various substituents of the compounds of the general formula (I) can be of *E* or *Z* configuration. These pure or impure geo-  
20 metrical isomers, alone or as a mixture, form an integral part of the compounds of the formula (I).

[0030] The term "optical isomer" includes all the isomeric forms, alone or as mixtures, resulting from the presence of one or more axes and/or centres of sym-  
25 metry in the molecule, and resulting in the rotation of a beam of polarized light. The term "optical isomer" more particularly includes enantiomers and diastereoisomers, in pure form or as a mixture.

[0031] The acids capable of forming pharmaceutically acceptable salts with  
30 the compounds of the formula (I) above are organic or mineral acids. Non-limiting examples that may be mentioned include hydrochloric acid, hydrobromic acid,

phosphoric acid, sulfuric acid, tartaric acid, citric acid, maleic acid, acetic acid, fumaric acid, alkanesulfonic acid, naphthalenesulfonic acid, *para*-toluenesulfonic acid, bis-trifluoroacetic acid and camphoric acid.

5 [0032] The bases capable of forming pharmaceutically acceptable salts with the compounds of the formula (I) above are mineral or organic bases. Among these bases, non-limiting examples that may be mentioned include sodium hydroxide, potassium hydroxide, ammonia, diethylamine, triethylamine, ethanol-amine, diethanolamine, piperidine, piperazine, morpholine, basic amino acids,  
10 such as arginine and lysine, osamines, for example meglumine, and amino alcohols, such as 3-aminobutanol and 2-aminobutanol.

[0033] The invention especially covers the pharmaceutically acceptable salts, as indicated above, but also salts allowing a suitable separation or crystalli-  
15 zation of the compounds of the formula (I), such as the salts obtained with chiral amines.

[0034] The compounds of the formula (I) above also comprise the prodrugs of these compounds.

20 [0035] The term "prodrugs" means compounds which, once administered to the patient, are chemically and/or biologically converted by the living body into compounds of the formula (I).

25 [0036] Among the compounds of the formula (I) according to the invention that are preferred are those for which the radical  $R^5$  represents hydrogen, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
30 and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0037] Preference is also given to the compounds of the formula (I) according to the invention for which the radical  $R^4$  represents hydrogen, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
5 and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

10 [0038] Another preferred group of compounds according to the present invention consists of compounds of the formula (I) in which the thiazolyl radical is branched in position 3 or in position 4 of the piperidine nucleus, preferably in position 4 of the piperidine nucleus.

15 [0039] Another preferred group of compounds according to the present invention consists of compounds of the general formula (I) in which G represents the radical g1, preferably in which Y represents an oxygen atom, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
20 and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0040] Another preferred group of compounds according to the present invention consists of compounds of the general formula (I) in which the radical  $R^4$  represents hydrogen, the radical  $R^5$  represents hydrogen, the thiazolyl radical is branched in position 4 of the piperidine nucleus, and G represents the radical g1 in which Y represents an oxygen atom,  
25 the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
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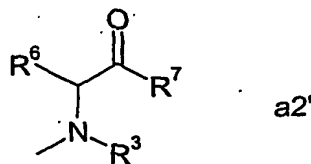


and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0041] Another preferred group of compounds of the invention consists of compounds of the general formula (I) in which  $R^1$  represents an aryl radical, especially phenyl, substituted by one or more aryl and/or alkyl radicals. The compounds of the general formula (I) in which  $R^1$  represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or with a perhaloalkyl or perhaloalkoxy radical, are most particularly preferred. The compounds of the general formula (I) in which  $R^1$  represents a substituted biphenyl radical, for example a trifluoromethylbiphenyl or methyltrifluoromethoxybiphenyl radical, are more particular preferred.

[0042] Among the compounds of the general formula (I), another preferred group of compounds consists of those for which A represents a2, the other substituents having the same definitions as those given above, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds; and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0043] Among the above compounds, the ones most particularly preferred are those for which a2 represents a radical of the formula a2' below:



in which  $R^6$  and  $R^7$ , which may be identical or different, and independently of each other, have the same definitions as the radicals  $R^2$  and  $R^3$  defined above, the other substituents having the same definitions as those given above,

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

**[0044]** A preferred sub-group of compounds consists of compounds of the general formula (I) in which G represents the radical g1, with Y representing an oxygen atom, R<sup>1</sup> represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or a trifluoromethyl or trifluoromethoxy radical, and A represents a2,

the other substituents being as defined above,

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

**[0045]** In this sub-group, the compounds that are more particularly preferred are those of the general formula (I) in which G represents the radical g1, with Y representing an oxygen atom, R<sup>1</sup> represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or a trifluoromethyl or trifluoromethoxy radical, and A represents a2' as defined above, the other substituents being as defined above,

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0046] Particularly preferred examples of compounds according to the present invention are chosen from:

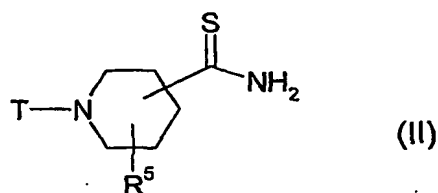
- N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl) 2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- 5        - N-ethyl-N-(1-methyl-2-oxo-2-pyrid-3-ylethyl) 2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl) 2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- N-ethyl-N-(1-methyl-2-oxo-2-pyrid-2-ylethyl)                      2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate.
- 10       - N-[cyano(4-fluorophenyl)methyl]-N-phenyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- N-( $\alpha$ -cyanobenzyl)-N-ethyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- 15       - 2-{1-[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl}piperid-4-yl}-1,3-thiazole-4-carboxylic acid
- 1-(4-[4-(3-hydroxypiperid-1-yl)methanoyl]thiazol-2-yl)piperid-1-yl)-1-(4'-trifluoromethylbiphenyl-2-yl)methanone
- N-methyl-N-(1-methyl-2-oxo-2-phenethyl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- 20       - N-methyl-N-(1-methyl-2-oxo-2(S)-phenethyl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- N-(7-oxo-7H-thieno[3,2-b]pyran-6-yl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- 25       - N-(2-methyl-4-oxo-4H-chromen-3-yl)-2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- N-( $\alpha$ -cyanobenzyl)-N-isopropyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide; and
- N-[1-cyano-1-(pyrid-4-yl)methyl]-N-isopropyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- 30

the optical isomers thereof, oxidized forms, solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid, or the pharmaceutically acceptable prodrugs of these compounds.

5

**[0047]** The compounds of the present invention can be prepared from the compounds of the formula (II):

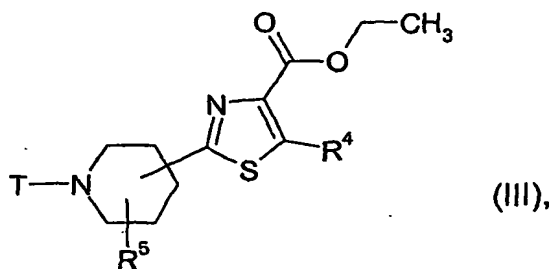


in which T represents a labile protecting group, for example *tert*-butoxy-carbonyl (BOC), and R<sup>5</sup> is as defined above,

which is reacted with ethyl R<sup>4</sup>-bromopyruvate, generally in equimolar proportions, in a polar solvent, for example dimethylformamide, in the presence of an excess of base, preferably an organic base, such as triethylamine, at a suitable temperature, for example at room temperature, for a time ranging from 1 to 40 hours and preferably between 4 and 18 hours,

15

so as to form the thiazolyl ring and give the compound of the formula (III):

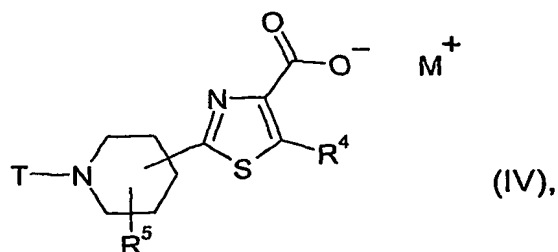


in which T, R<sup>4</sup> and R<sup>5</sup> are as defined above,

20

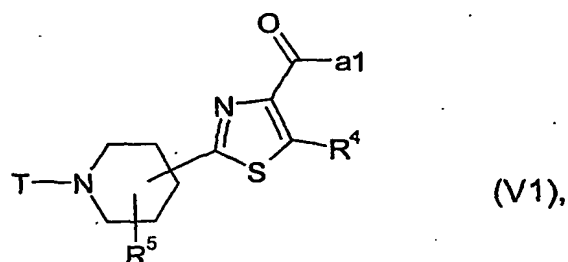
which compound of the formula (III) is then saponified with a base, of alkali metal or alkaline-earth metal hydroxide type, for example sodium hydroxide, in polar medium, for instance tetrahydrofuran and/or water, especially a 2:1 tetrahydrofuran/water mixture, at room temperature, for a time ranging from 1 to 12 hours, so as to form the salt of the formula (IV):

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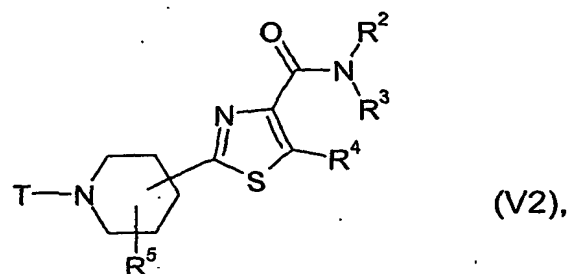
in which T, R<sup>4</sup> and R<sup>5</sup> are as defined above, and M<sup>+</sup> represents the alkali metal or alkaline-earth metal cation derived from the base that is useful for the saponification reaction,

5 which compound of the formula (IV) is next hydrolysed and then/or esterified to a compound of the formula (V1):



in which R<sup>4</sup>, R<sup>5</sup>, a1 and T are as defined above,

or converted into the corresponding amide of the formula (V2):

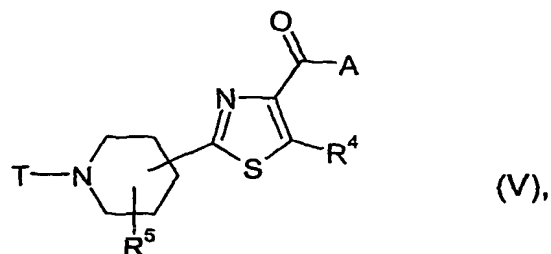


10

in which R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and T are as defined above,

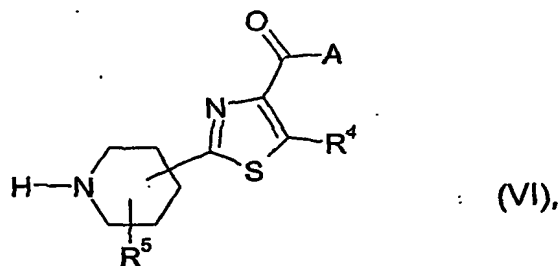
via the action of an amine of the formula HNR<sup>2</sup>R<sup>3</sup>, generally in equimolar proportions, in the presence of a base, preferably an organic base, such as diisopropylethylamine (DIPEA), and a catalyst, for example O-benzotriazol-1-yl-  
 15 N,N,N',N'-tetraethyluronium hexafluorophosphate (HBTU), in a polar aprotic solvent, such as dimethylformamide, at room temperature, for a time that can range from 1 to 50 hours and generally from 4 to 20 hours,

the compounds of the formulae (V1) and (V2) together forming the compound of the formula (V):



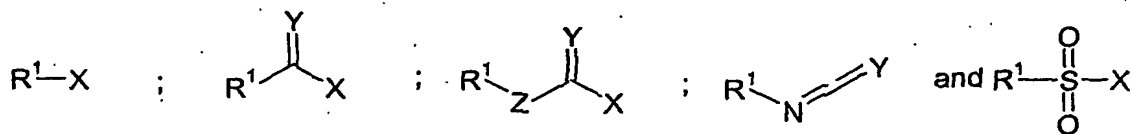
in which  $R^4$ ,  $R^5$ , A and T are as defined above,

5 which compound of the formula (V) is then used in a reaction for deprotection of the amine function of the piperidine ring, via the action of an organic or mineral acid, for example hydrochloric acid or trifluoroacetic acid, in dichloromethane (DCM) or dioxane medium, at room temperature, for a time ranging from a few minutes to a few hours, generally ranging from five minutes to 12 hours, to give the compound of the formula (VI):



which is a special case of the compounds of the formula (I), in which  $R^1$  represents hydrogen, G represents a bond, A,  $R^4$  and  $R^5$  being as defined above,

which is then subjected to the action of a compound chosen from:



in which X represents a halogen atom, preferably chlorine,  $R^1$ , Y and Z being as defined above,

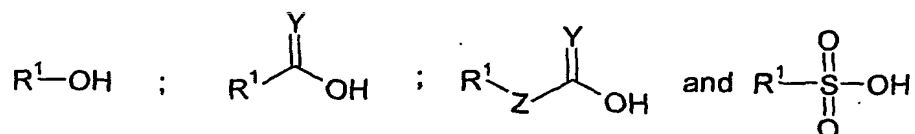
in the presence of a base, preferably an organic base, such as diisopropylethylamine (DIPEA), and a catalyst, for example O-benzotriazol-1-yl-N,N,N',N'-tetraethyluronium hexafluorophosphate (HBTU), in a polar aprotic sol-

20

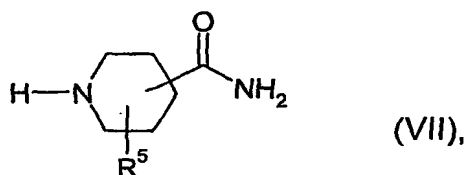
vent, such as dimethylformamide, at room temperature, for a time that can range from 1 to 50 hours and generally from 4 to 20 hours,

to give the compound of the formula (I) as defined above.

5 [0048] According to one variant, the compounds of the formula (I) can also be prepared by reacting a compound of the formula chosen from:



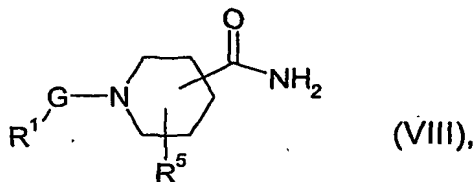
in which R<sup>1</sup>, Y and Z are as defined above,  
with a compound of the formula (VII):



10 in which R<sup>5</sup> is as defined above,

in the presence of an acyl chloride, such as oxalyl chloride, in basic medium, for example triethylamine, and in an apolar aprotic solvent, for example dichloromethane, at room temperature, for a time ranging from 1 to 50 hours and  
15 generally from 4 to 20 hours,

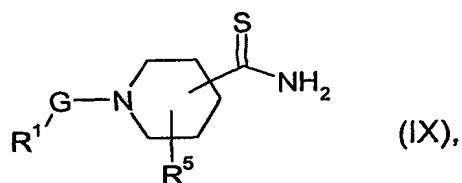
to give the compound of the formula (VIII):



in which G, R<sup>1</sup> and R<sup>5</sup> are as defined above,

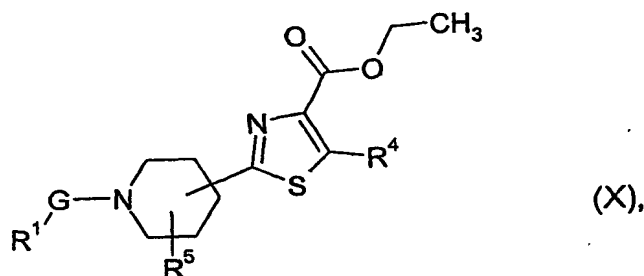
which is then converted into the corresponding thioamide of the formula  
20 (IX) via the action of Lawesson's reagent, in a polar solvent, for example dimethyl ether, at a temperature of about 50°C, for a time generally of about 2.5 hours:

- 20 -



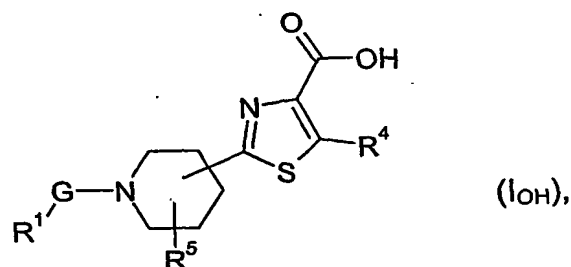
in which G, R<sup>1</sup> and R<sup>5</sup> are as defined above,

the thiazole ring then being formed in a manner similar to that presented above for the formation of the compound of the formula (III), via the action of ethyl R<sup>4</sup>-bromopyruvate, to give the compound of the formula (X):



in which G, R<sup>1</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined above,

which compound of the formula (X) is then saponified, in a manner similar to that for the formation of the compound of the formula (IV), to give the acid of the formula (I<sub>OH</sub>):



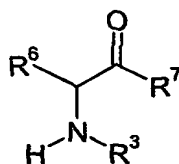
which is a special case of the compound of the formula (I) in which A represents -O-R<sup>2</sup>, R<sup>2</sup> representing a hydrogen atom,

which compound of the formula (I<sub>OH</sub>) is then optionally used in an esterification reaction, or subjected to the action of an amine of the formula HNR<sup>2</sup>R<sup>3</sup>, in order to give the compounds of the formula (I) in which A represents, respectively, a1, with R<sup>2</sup> other than hydrogen, and a2.



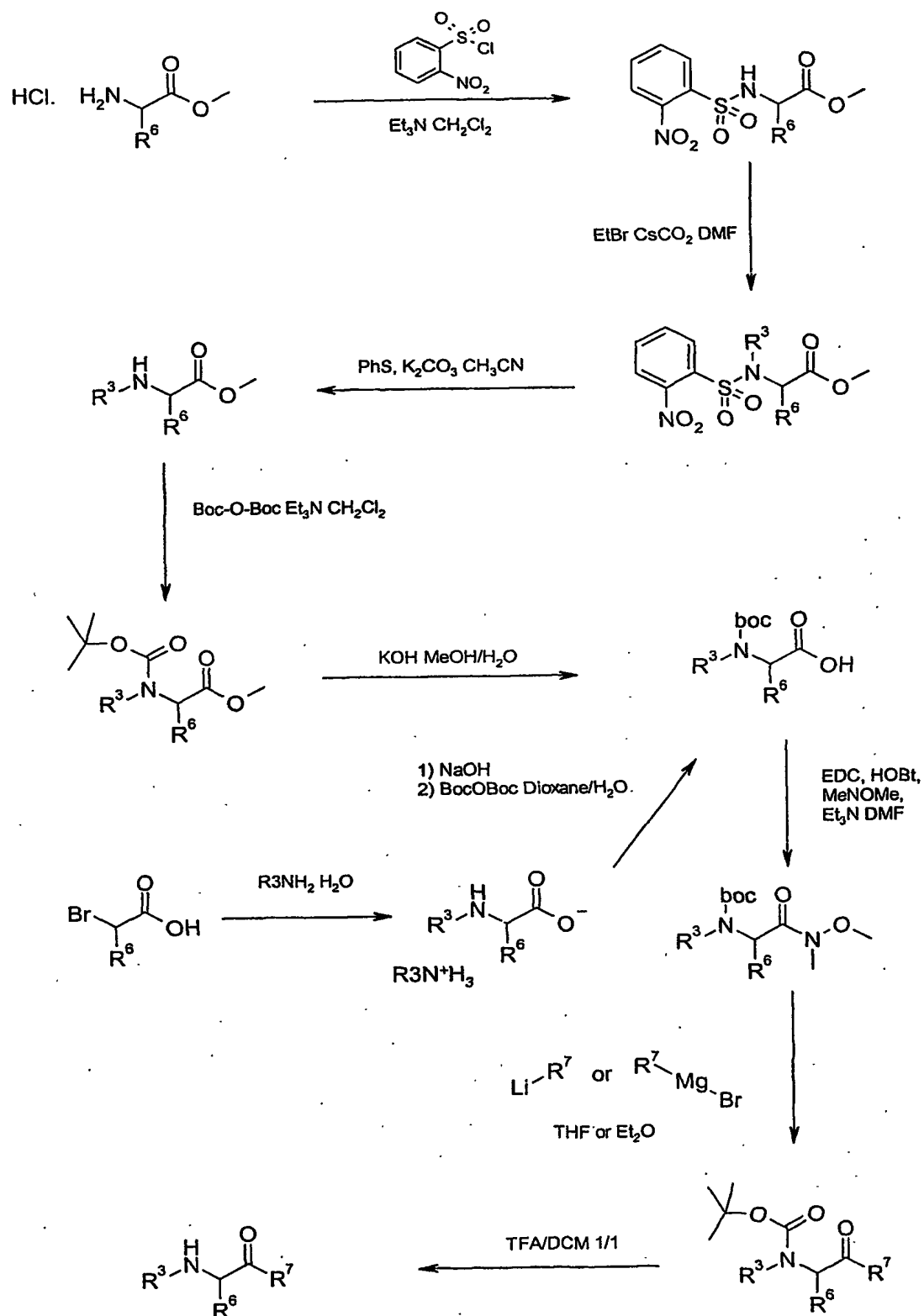
[0049] In the processes described above, it should be understood that the operating conditions can vary substantially as a function of the different substituents G, R<sup>1</sup>, R<sup>2</sup>, R<sup>2'</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> present in the compounds of the formula (I) that it is desired to prepare. Such variations and adaptations are readily accessible to a person skilled in the art, for example from scientific reviews, the patent literature, Chemical Abstracts, and computer databases, including the Internet.

[0050] For the compounds of the general formula (I) for which A represents a2', the intermediate amine H-a2' below:



in which R<sup>3</sup>, R<sup>6</sup> and R<sup>7</sup> are as defined above,  
which will be reacted with the compounds of the formulae (V2) and (I<sub>OH</sub>) defined above,  
can advantageously be prepared according to one of the synthetic routes presented in the following scheme, and in which the various substituents are as defined in the present invention:

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**[0051]** The present invention also relates to pharmaceutical compositions comprising an effective pharmaceutical amount of a compound of the formula (I), as defined above, in combination with one or more pharmaceutically acceptable vehicles.

**[0052]** These compositions can be administered orally in the form of immediate-release or controlled-release tablets, gel capsules or granules, intravenously in the form of an injectable solution, transdermally in the form of an adhesive transdermal device, or locally in the form of a solution, cream or gel.

**[0053]** A solid composition for oral administration is prepared by adding to the active principle a filler and, where appropriate, a binder, a disintegrating agent, a lubricant, a colorant or a flavour enhancer, and by forming the mixture into a tablet, a coated tablet, a granule, a powder or a capsule.

**[0054]** Examples of fillers include lactose, corn starch, sucrose, glucose, sorbitol, crystalline cellulose and silicon dioxide, and examples of binders include poly(vinyl alcohol), poly(vinyl ether), ethylcellulose, methylcellulose, acacia, gum tragacanth, gelatin, Shellac, hydroxypropylcellulose, hydroxypropylmethylcellulose, calcium citrate, dextrin and pectin.

**[0055]** Examples of lubricants include magnesium stearate, talc, polyethylene glycol, silica and hardened plant oils. The colorant can be any colorant permitted for use in medicaments.

**[0056]** Examples of flavour enhancers include cocoa powder, mint in herb form, aromatic powder, mint in oil form, borneol and cinnamon powder. It should be understood that the tablet or granule may be suitably coated with sugar, gelatin or the like.

[0057] An injectable form comprising the compound of the present invention as active principle is prepared, where appropriate, by mixing the said compound with a pH regulator, a buffer agent, a suspension agent, a solubilizer, a stabilizer, a tonicity agent and/or a preserving agent, and by converting the mixture into a form for intravenous, subcutaneous or intramuscular injection, according to a conventional process. Where appropriate, the injectable form obtained can be lyophilized via a conventional process.

[0058] Examples of suspension agents include methylcellulose, polysorbate 80, hydroxyethylcellulose, acacia, powdered gum tragacanth, sodium carboxymethylcellulose and polyethoxylated sorbitan monolaurate.

[0059] Examples of solubilizers include castor oil solidified with polyoxyethylene, polysorbate 80, nicotinamide, polyethoxylated sorbitan monolaurate and the ethyl ester of castor oil fatty acid.

[0060] In addition, the stabilizer includes sodium sulfite, sodium metasulfite and ether, while the preserving agent includes methyl *para*-hydroxybenzoate, ethyl *para*-hydroxybenzoate, sorbic acid, phenol, cresol and chlorocresol.

[0061] A subject of the present invention is also a use of a compound of the formula (I) of the invention for the preparation of a medicament for the treatment of hypertriglyceridaemia, hypercholesterolaemia and dyslipidaemia associated with diabetes, and also for the prevention of and treating obesity.

[0062] The examples that follow illustrate the present invention without limiting it in any way.

**Examples of thiazolylpiperidine compounds according to the invention**

**Example 1:**

5       **2-[1-(6-Methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazol-4-carbonyl[N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl)]amide**

**Step a)**

**tert-Butyl 4-(4-ethoxycarbonylthiazol-2-yl)piperidine-1-carboxylate**

10       *tert*-Butyl 4-(aminocarbothioyl)tetrahydropyridine-1(2H)-carboxylate (Maybridge) (85 mmol; 20.8 g) is dissolved in 250 ml of dimethylformamide and placed at 5°C. Ethyl bromopyruvate (1 eq.; 85 mmol; 16.6 g) dissolved in 50 ml of dimethylformamide is added dropwise. The reaction medium is stirred overnight and excess triethylamine is then added dropwise. The reaction medium is evaporated and the residual brown oil is taken up in ethyl acetate and washed with water  
15       (twice) and then with saturated sodium chloride solution (twice). The organic phase is dried over sodium sulfate and evaporated to dryness. The crude product is chromatographed on silica, eluting with dichloromethane to dichloromethane/3% methanol, to give 20.5 g of the expected product in the form of oily crystals. TLC: 1/1 ethyl acetate/hexane: R<sub>f</sub> = 0.55

20       Yield = 71 %.

Step b)tert-Butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate

*tert*-Butyl 4-(4-ethoxycarbonylthiazol-2-yl)piperidine-1-carboxylate (60 mmol; 20.4 g) is dissolved in 225 ml of a mixture of tetrahydrofuran and water (2/1), and 1N sodium hydroxide (2 eq.; 120 mmol; 120 ml) is added dropwise. The reaction medium is stirred at room temperature overnight. The reaction medium is washed with ether and the aqueous phase is then acidified with saturated nitric acid solution. The precipitate is filtered off, washed with water and dried to give 15.5 g of cream-coloured crystals.

TLC: 1/1/1 CH<sub>2</sub>Cl<sub>2</sub>/EtOAc/MeOH: R<sub>f</sub> = 0.6.

Yield: 83%.

Step c)tert-Butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}-piperidine-1-carboxylate

*tert*-Butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate (6.5 mmol; 2.03 g) is dissolved in 40 ml of anhydrous dimethylformamide and placed under an inert atmosphere, and 2-(ethylamino)propiophenone hydrochloride (1 eq.; 6.5 mmol; 1.39 g), HBTU (1 eq.; 6.5 mmol; 2.47 g) and N-ethyldiisopropylamine (3.5 eq.; 22.75 mmol; 3.97 ml) are then added. The reaction medium is stirred at room temperature overnight. The reaction medium is evaporated to dryness and then taken up in dichloromethane and washed with saturated potassium carbonate (K<sub>2</sub>CO<sub>3</sub>) solution, citric acid solution and water (twice). The organic phase is dried over sodium sulfate and then evaporated to dryness. The crude product is chromatographed on silica, using a 1/1 ethyl acetate/hexane mixture as eluent (R<sub>f</sub> = 0.55) to give 2.6 g of expected product in the form of an oil.

Yield: 85%.

Step d)

4-{4-[Ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}piperidinium chloride

*tert*-Butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}-piperidine-1-carboxylate (5.5 mmol; 2.59 g) is dissolved in 13.75 ml of a 4M solution of hydrochloric acid in dioxane. The reaction medium is stirred at room temperature overnight and is then evaporated to dryness to give 2.24 g of a white solid.

Yield = quantitative.

Step e)

2-[1-(6-Methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazol-4-carbonyl[N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl)]amide

The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}piperidine-1-carboxylate.

TLC: 1/1 CH<sub>2</sub>Cl<sub>2</sub>/EtOAc: R<sub>f</sub> = 0.47

LC-MS: (ES+) 650.4 (M+H)

Yield: 88%.

Example 2:

**1-(4-{4-(1-morpholin-4-yl)methanoyl]thiazol-2-yl}piperid-1-yl)-1-(4'-trifluoromethylbiphenyl-2-yl)methanone**

Step a)

1-{[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl}piperidine-4-carboxamide

4'-(Trifluoromethyl)-2-biphenylcarboxylic acid (20.5 g; 77 mmol) is dissolved in 340 ml of dimethylformamide and 200 ml of dichloromethane. The reaction medium is placed at 0°C and oxalyl chloride (1.8 eq.; 138.6 mmol; 12 ml) is added. The reaction medium is stirred at room temperature for 3 hours and then evaporated to dryness. The crude product is taken up in 270 ml of dichloro-

methane, followed by addition of a solution of isonipecotamide (0.97 eq.; 74.7 mmol; 9.57 g) and triethylamine (2.7 eq.; 207.9 mmol; 29 ml) in 270 ml of dichloromethane, placed at 0°C. The mixture is allowed to warm to room temperature over 12 hours, saturated aqueous sodium hydrogen carbonate solution is then added (in a 1/1 proportion) and the resulting mixture is stirred for 30 minutes. The organic phase is washed with 1M sodium hydroxide solution and then with water, dried over sodium sulfate and evaporated to dryness. The crude product is dispersed in diisopropyl ether and then filtered off and dried to give 23.09 g of coupling product.

Yield: 79.6 %.

Step b)

1-[[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl]piperidine-4-carbothioamide

1-[[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl]piperidine-4-carboxamide (11.29 g; 30 mmol) is dissolved in a mixture of Lawesson's reagent (1 eq.; 30 mmol; 12.13 g), dimethyl ether (100 ml) and chloroform (40 ml). The reaction medium is heated at 50°C for 2 hours 30 minutes and then evaporated to dryness and taken up in ethyl acetate. The organic phase is washed with saturated potassium carbonate solution and then with water, dried over sodium carbonate and evaporated to dryness. The yellow solid is dispersed in diisopropyl ether and then filtered off and dried to give 10.5 g of product.

Yield: 89 %.

Step c)

Ethyl 2-{1-[[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl]piperidine-4-yl}-1,3-thiazole-4-carboxylate

1-[[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl]piperidine-4-carbothioamide (10.5 g; 26.75 mmol) is dissolved in 100 ml of dimethylformamide and placed at 0°C. 90% [lacuna] bromopyruvate (1 eq.; 26.75 mmol; 3.73 ml) is added, the mixture is left at 0°C for 30 minutes and is then allowed to warm to room temperature over 12 hours, followed by addition of 10 ml of triethylamine. The reaction



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medium is evaporated and the crude product is then extracted three times with ethyl acetate. The organic phase is washed with saturated aqueous sodium chloride solution (three times), with water (once) and again with sodium chloride, and is then dried over sodium sulfate and evaporated to dryness. The residue is chromatographed on silica (eluent: 97/3 dichloromethane/methanol) to give 10.33 g of the expected product.

Yield: 79 %.

Step d)

2-{1-[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl}piperid-4-yl}-1,3-thiazole-4-carboxylic acid

The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate.

Yield: quantitative.

Step e)

1-(4-[4-(1-Morpholin-4-yl)methanoyl]thiazol-2-yl)piperid-1-yl)-1-(4'-trifluoromethyl-biphenyl-2-yl)methanone

The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}piperidine-1-carboxylate.

Yield: 87%.

As an additional example, the procedure below shows a synthetic route that can be used for the preparation of an amine of the formula H-a2':

**Preparation of 2-ethylamino-1-pyrid-2-ylpropan-1-one in the form of the acid salt with bis-trifluoroacetic acid**

Step a)

Methyl 2-(2-nitrobenzenesulfonylamino)propionate

DL-Alanine methyl ester hydrochloride (13.96 g; 0.1 mol) is dissolved in 800 ml of dichloromethane and placed at 0°C. Triethylamine (2.3 eq.; 230 mmol; 32 ml) is added dropwise, along with portionwise addition of 2-nitrobenzenesulfonyl chloride (1 eq.; 100 mmol; 22.16 g), and the reaction medium is allowed to return to room temperature overnight. The reaction medium is washed with water and then dried over sodium sulfate, filtered through silica and evaporated to dryness to give 25.3 g of solid corresponding to the title compound.

Yield: 88 %.

Step b)

Methyl 2-[ethyl(2-nitrobenzenesulfonyl)amino]propionate

Methyl 2-(2-nitrobenzenesulfonylamino)propionate (17 g; 59 mmol) is dissolved in 600 ml of dimethylformamide, and caesium carbonate (1.5 eq.; 88 mmol; 28.6 g) is then added. The reaction medium is stirred for 30 minutes at room temperature, followed by dropwise addition of ethyl bromide (4 eq.; 236 mmol; 17.6 ml) and the resulting mixture is stirred overnight at room temperature. The reaction medium is evaporated to dryness, taken up in dichloromethane, filtered and evaporated to dryness. The crude product is chromatographed on silica (eluting with dichloromethane) to give 17.1 g of the expected product.

Yield: 92 %.

Step c)

Methyl 2-ethylaminopropionate

Methyl 2-[ethyl(2-nitrobenzenesulfonyl)amino]propionate (8.07 g; 25.5 mmol) is dissolved in 250 ml of acetonitrile, and thiophenol (1.12 eq.; 28.7 mmol; 2.93 ml) and K<sub>2</sub>CO<sub>3</sub> (3.25 eq.; 82.9 mmol; 11.45 g) are then added. The reaction medium is stirred overnight at room temperature. The crude product

is evaporated to dryness and then taken up in ether. The organic phase is acidified with 1N hydrochloric acid and then washed with water. The aqueous phases are combined and then washed with ether and basified with potassium carbonate. The basic aqueous phase is extracted with ether three times. The three ether phases  
5 are washed with water and then with saturated aqueous sodium chloride solution, dried over sodium sulfate and evaporated to dryness to give 1.04 g of the expected product.

Yield: 31 %.

10 Step d)

Methyl 2-(tert-butoxycarbonylethylamino)propionate

Methyl 2-ethylaminopropionate (0.96 g; 7.3 mmol) is dissolved in 10 ml of dichloromethane, and triethylamine (1 eq.; 7.3 mmol; 1 ml) and Boc-O-Boc (1.1 eq.; 8 mmol; 1.75 g) are added. The reaction medium is stirred for 12 hours at  
15 room temperature and then washed with water, dried over sodium sulfate and evaporated to dryness to give 1.28 g of the expected product.

Yield: 76 %.

Step e)

20 2-(tert-Butoxycarbonylethylamino)propionic acid

Methyl 2-(tert-butoxycarbonylethylamino)propionate (1.27 g; 5.5 mmol) is dissolved in 5 ml of methanol, and potassium hydroxide (1.2 eq.; 6.6 mmol; 0.37 g) dissolved in 1.6 ml of water is then added. The reaction medium is left at room temperature for 12 hours and then evaporated to dryness, taken up in water and  
25 washed with ether. The aqueous phase is acidified by adding 1N hydrochloric acid and extracted three times with ether. The organic phases are combined, dried over sodium sulfate and evaporated to dryness to give 0.88 g of a white solid.

Yield: 74 %.

Step e bis): Alternative route:

DL-2-Bromopropionic acid (76.5 g; 0.5 mol) is dissolved in 250 ml of water and 70% ethylamine (4.7 eq.; 2.3 mol; 150 g) is added dropwise. The reaction medium is stirred at room temperature for 12 hours and then evaporated to dryness and taken up in 400 ml of water comprising 40 g of sodium hydroxide (1.0 mol). The reaction medium is again evaporated to dryness.

The crude product is dissolved in 500 ml of water and 250 ml of dioxane. The reaction medium is placed at 0°C and di(*tert*-butyl) carbonate (1.1 eq.; 0.55 mol; 120 g) dissolved in 200 ml of dioxane is added dropwise. The pH is maintained at 10 by adding sodium hydroxide. The reaction medium is stirred at room temperature for 24 hours and then filtered. The filtrate is concentrated and then taken up in 700 ml of water and acidified to pH 2-3 with citric acid. The precipitate is filtered off and dried (108.6 g).

Yield: 62 %.

Step f)Dimethyl ethyl ethyl[1-(methoxymethylcarbamoyl)ethyl]carbamate

2-(*tert*-Butoxycarbonyl)ethylamine (40 mmol; 873 mg) is dissolved in 5 ml of dimethylformamide, and N,O-dimethylhydroxylamine hydrochloride (1.25 eq.; 5.0 mmol; 490 mg), HOBT (1.25 eq.; 5.0 mmol; 676 mg), triethylamine (1.25 eq.; 5.0 mmol; 0.7 ml) and EDC (1.25 eq.; 5.0 mmol; 960 mg) are added. The reaction medium is stirred for 12 hours and then evaporated to dryness. The crude product is extracted with ether, washed successively, twice with aqueous 4% citric acid solution, twice with aqueous 4% sodium hydrogen sulfite solution, with water and then with saturated sodium chloride solution. The organic phase is dried over sodium sulfate, evaporated to dryness and chromatographed on silica (eluent: 1/2 ethyl acetate/hexane; R<sub>f</sub> = 0.45) to give 795 mg of a colourless product.

Yield: 76 %.

Step g)tert-Butyl ethyl(1-methyl-2-oxo-2-pyrid-2-ylethyl)carbamate

2-Bromopyridine (7.0 mmol; 667  $\mu$ L) is dissolved in 40 ml of anhydrous tetrahydrofuran and placed at  $-100^{\circ}\text{C}$ , followed by dropwise addition of a 1.6M solution of n-butyllithium in hexane (1 eq.; 7.0 mmol; 4.375 ml). The reaction medium is stirred for 30 minutes and dimethyl ethyl ethyl[1-(methoxymethyl-carbamoyl)ethyl]carbamate (1 eq.; 7.0 mmol; 1.822 g) dissolved in 20 ml of anhydrous tetrahydrofuran is added dropwise. The reaction medium is stirred at  $-100^{\circ}\text{C}$  for 1 hour 30 minutes. The reaction medium is then removed from the ice bath, 200 ml of saturated aqueous sodium chloride solution are added and the mixture is then extracted with ether. The organic phase is dried over sodium sulfate, evaporated to dryness and chromatographed on silica (eluent: 1/2 ethyl acetate/heptane;  $R_f = 0.23$ ) to give 1.04 g of the expected product.

Yield: 53 %.

Step h)2-Ethylamino-1-pyrid-2-ylpropan-1-one – acid salt with bis-trifluoroacetic acid

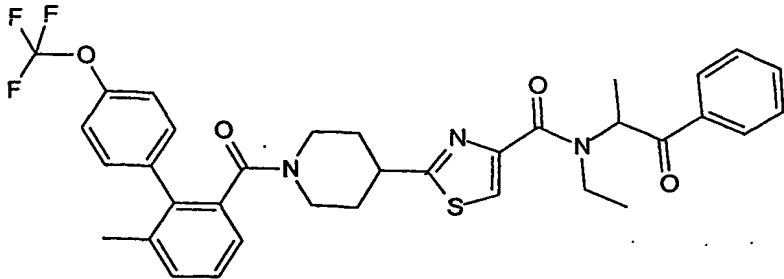
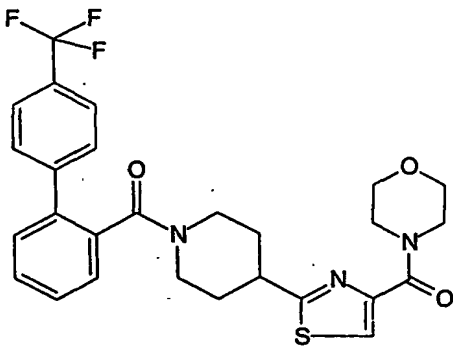
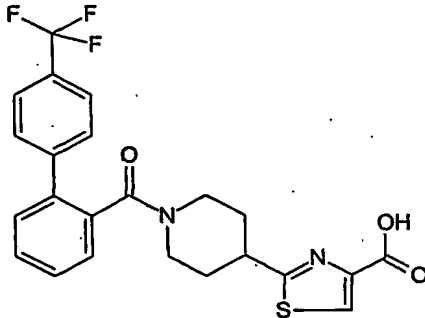
tert-Butyl ethyl(1-methyl-2-oxo-2-pyrid-2-ylethyl)carbamate (1.03 g; 3.7 mmol) is dissolved in 30 ml of a 1/1 dichloromethane/trifluoroacetic acid mixture. The reaction medium is stirred for one hour at room temperature and then evaporated to dryness to give 1.5 g of the expected salt.

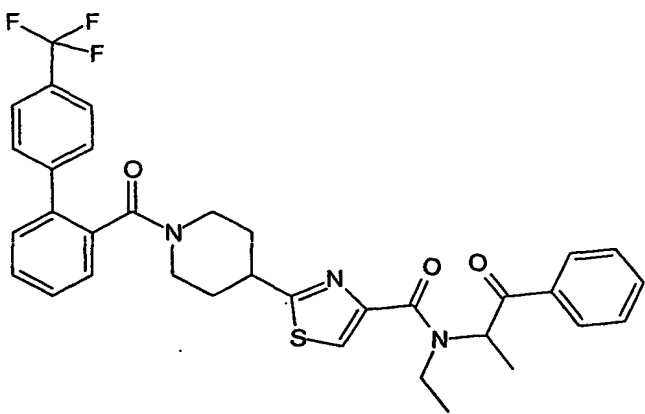
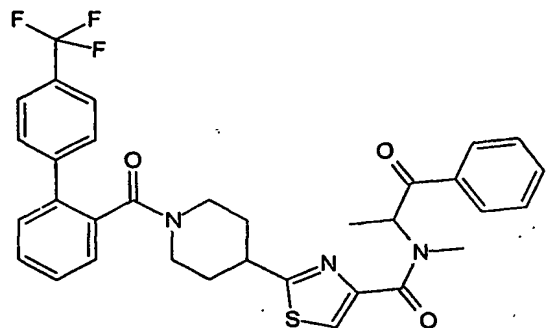
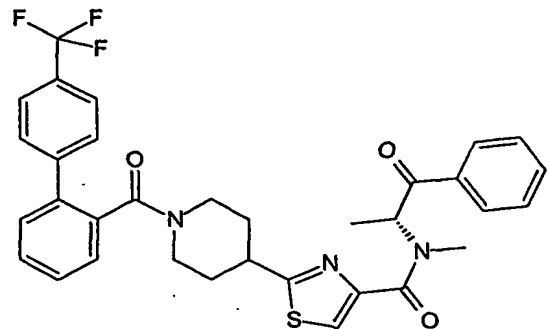
Yield: quantitative.

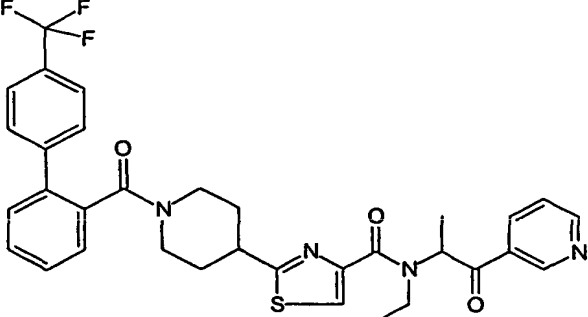
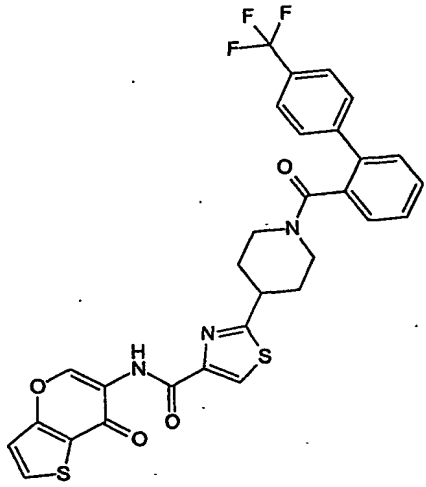
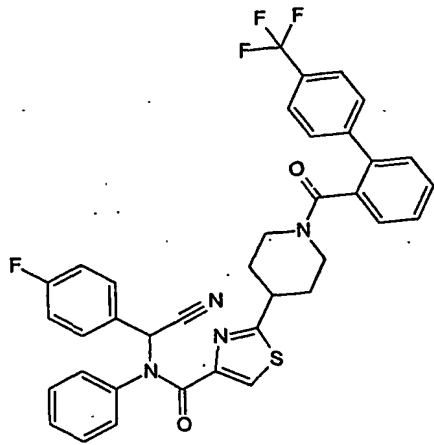
The compounds of the general formula (I) presented in the table below were prepared according to procedures similar to those described above.

Other examples of compounds included in the scope of the present invention are presented in Table 1 below. All these compounds are obtained according to procedures similar to those presented above.

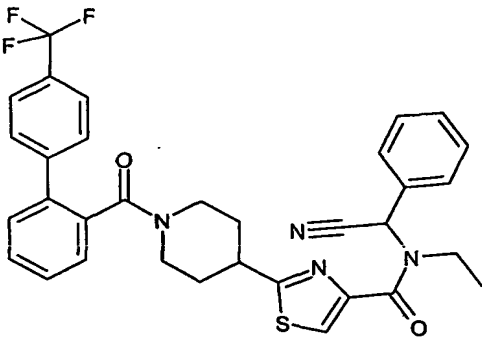
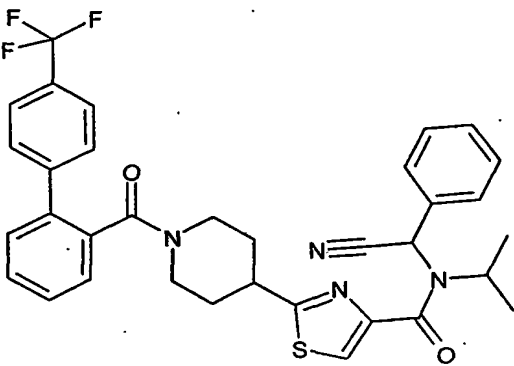
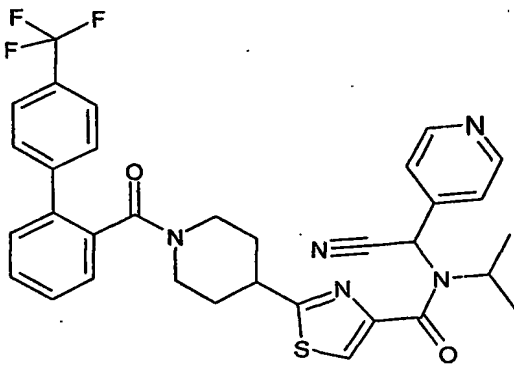
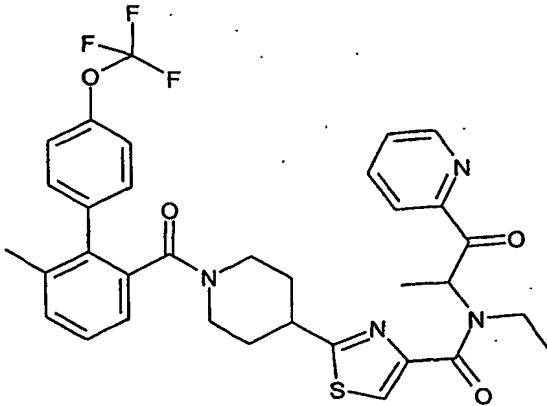
**TABLE 1**

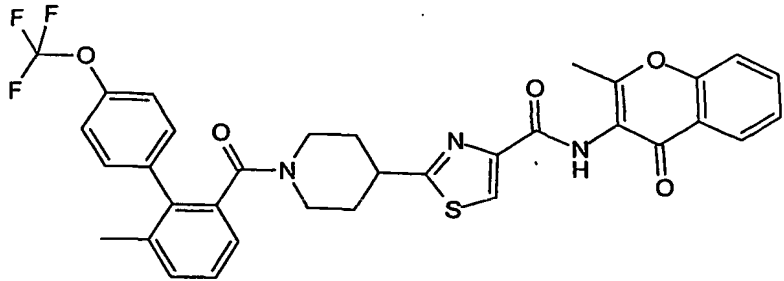
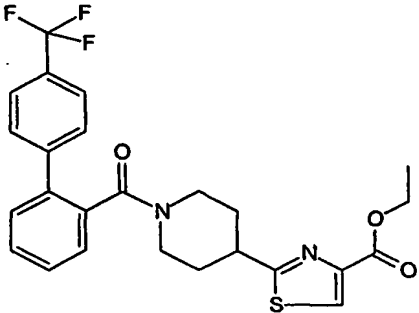
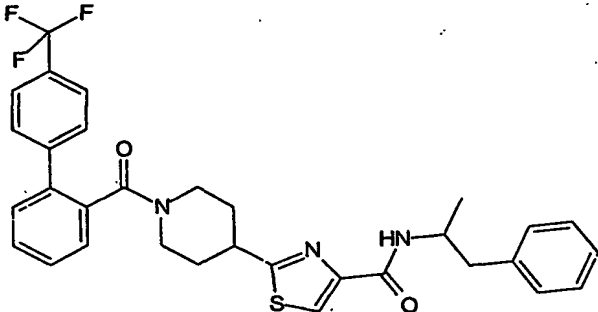
No.	FORMULA	NMR or mass
1		(CDCl <sub>3</sub> ) : 1.27-1.22 (19H, m) ; 1.25-1.23 (1H, m) ; 1.27-1.24 (1H, m) ; 1.25-1.27 (13H, m).
2		(CDCl <sub>3</sub> ) : 1.29-1.24 (16H, m) ; 1.29-1.24 (1H, m) ; 1.29-1.26 (9H, m).
2d		(DMSO-d <sub>6</sub> ) : 1.23-1.29 (8H, m) ; 1.23-1.28 (1H, m) ; 1.21-1.20 (8H, m) ; 1.28-1.20 (1H, m) ; 11.29 (1H, s large).

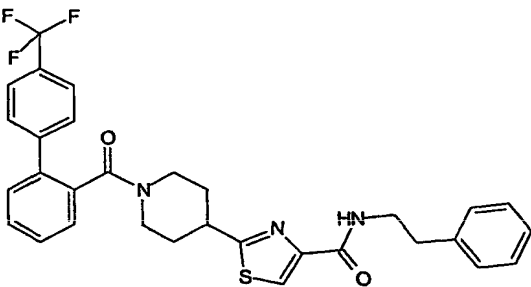
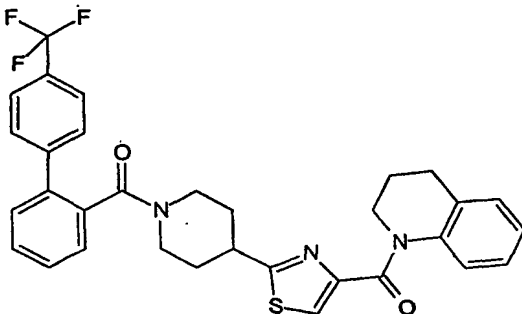
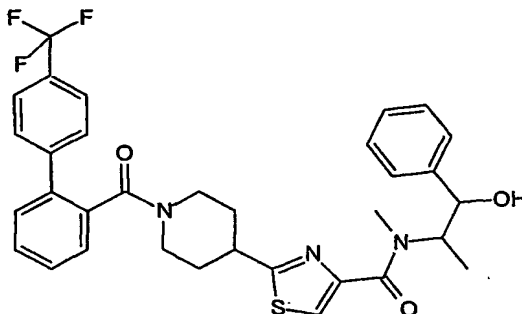
No.	FORMULA	NMR or mass
3		(CDCl <sub>3</sub> ) : 1.29, 1.29 (3H, m) ; 1.29-1.25 (3H, m) ; 1.29-1.27 (7H, m) ; 1.21-1.22 (4H, m) ; 1.28-1.27 (1H, m) ; 1.20-1.25 (14H, m).
4		(CDCl <sub>3</sub> ) : 1.20-1.25 (3H, d, J = 1.2 Hz) ; 1.27- 1.28 (12H, m) ; 1.27-1.29 (1H, m) ; 1.28-1.20 (14H, m).
5		(CDCl <sub>3</sub> ) 1.23- 1.24 (3H, d, J = 1.2 Hz) ; 1.26-1.20 (11H, m) ; 1.21-1.20 (1H, m) ; 1.21-1.23 (1H, m) ; 1.29-1.20 (14H, m).

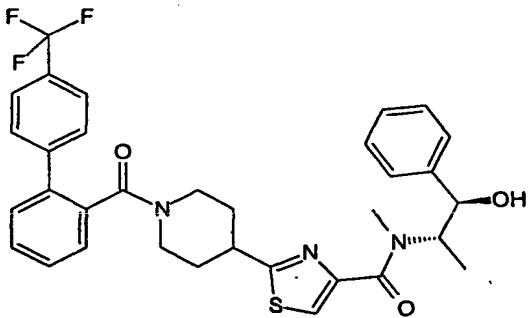
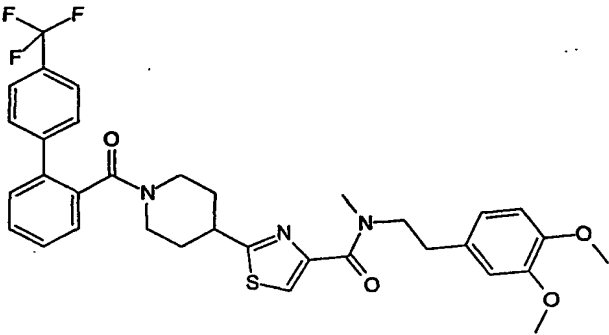
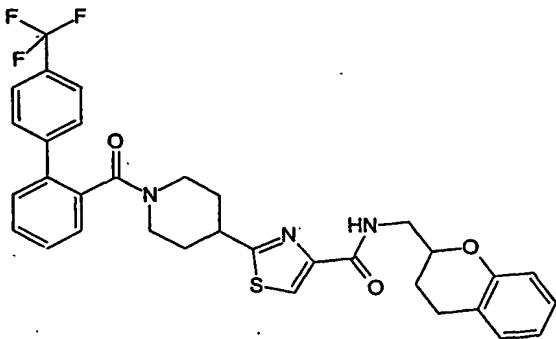
No.	FORMULA	NMR or mass
6		(CDCl <sub>3</sub> ) : 1.23-1.24 (16H, m) ; 1.28-1.22 (1H, m) ; 1.21-1.24 (1H, m) ; 1.21-1.28 (13H, m).
7	 <p data-bbox="284 1249 1201 1312">N-(7-oxo-7H-thieno[3,2-b]pyran-6-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	LC-MS : (ES+) 701.2 (M+H)
8		LC-MS : (ES+) 661.2 (M+H)

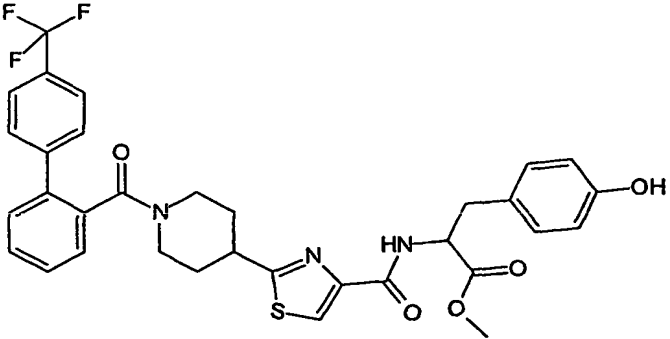
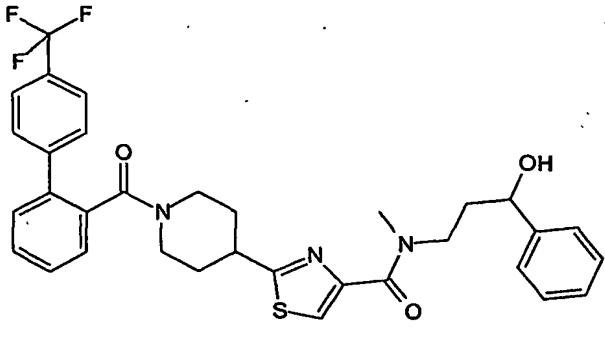
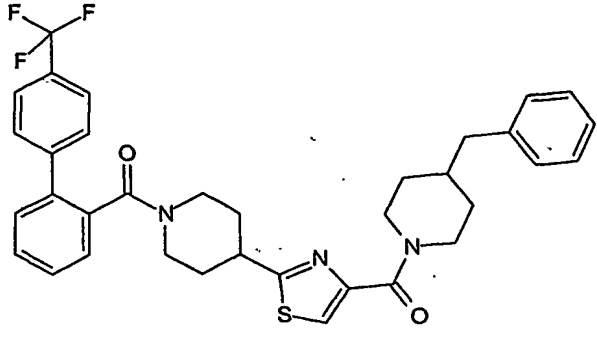


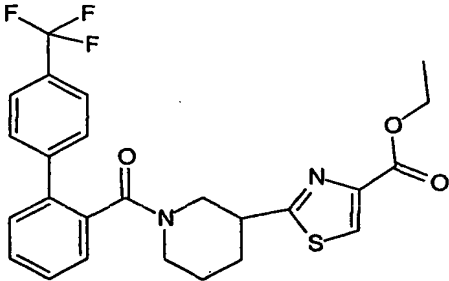
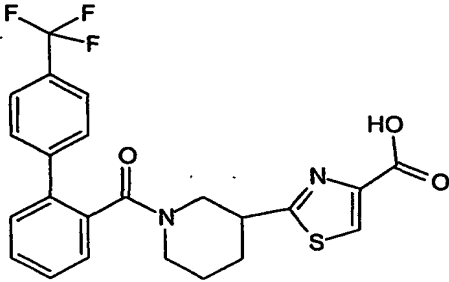
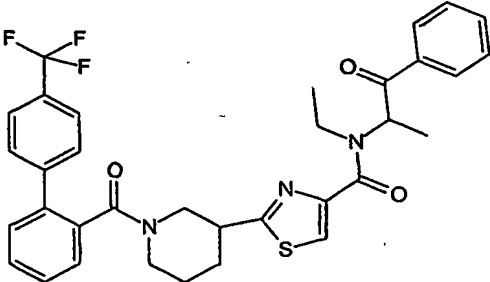
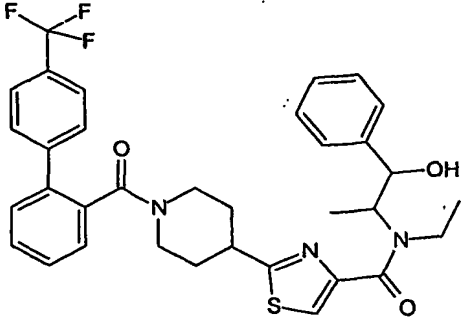
No.	FORMULA	NMR or mass
9		
10		
11		
12		LC-MS : (ES+) 651.2 (M+H)

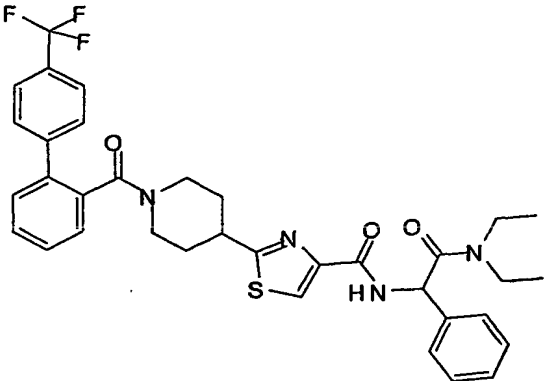
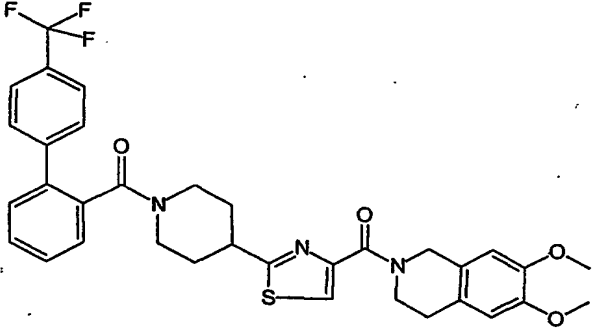
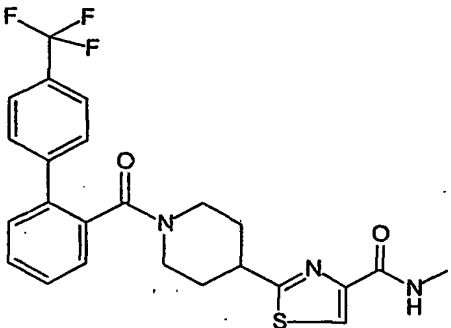
No.	FORMULA	NMR or mass
13		(CDCl <sub>3</sub> ) : 1.25-1.21 (14H, m); 1.27-1.25 (1H, m); 1.29-1.24 (1H, m); 1.20-1.21 (9H, m); 1.23-1.25 (2H, m); 1.20-1.29 (1H, m).
14		(DMSO-d <sub>6</sub> ) : 1.27 (3H, t, J = 1.2 Hz); 1.21-1.22 (4H, m); 1.22-1.27 (4H, m); 1.26 (4H, q, J = 1.2 Hz); 1.26- 1.26 (1H, m); 1.20-1.28 (8H, m); 1.29 (1H, s).
15		(CDCl <sub>3</sub> ) : 1.28 (3H, d, J = 1.2 Hz); 1.26-1.24 (4H, m); 1.21-1.23 (5H, m); 1.25-1.28 (1H, m); 1.28-1.29 (1H, m); 1.23-1.27 (1H, m); 1.29-1.26 (14H, m); 1.22 (1H, s).

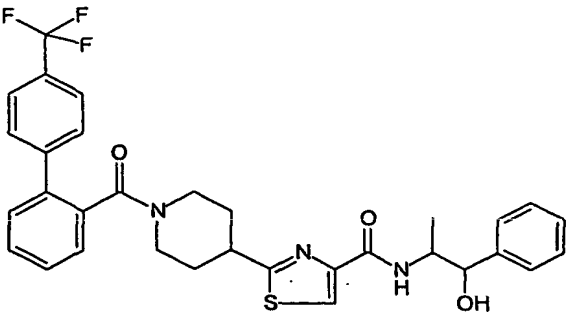
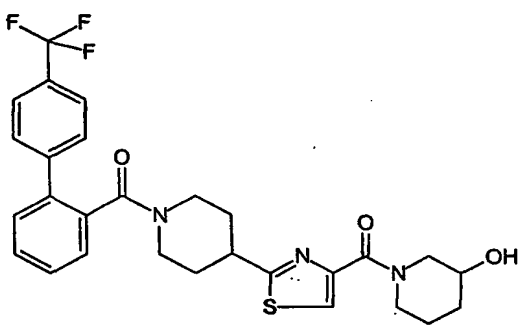
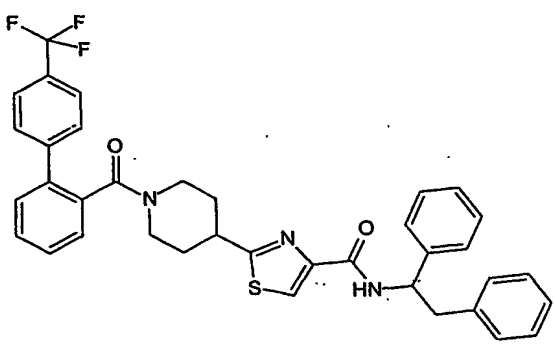
No.	FORMULA	NMR or mass
16		(CDCl <sub>3</sub> ) : 1.27-1.24 (2H, m) ; 1.20-1.27 (6H, m) ; 1.21-1.20 (4H, m) ; 1.20-1.23 (1H, m) ; 1.27-1.26 (7H, m) ; 1.26-1.26 (7H, m) ; 1.27-1.28 (1H, m) .
17		(CDCl <sub>3</sub> ) : 1.26-1.26 (2H, m) ; 1.22-1.28 (4H, m) ; 1.22-1.28 (8H, m) ; 1.29-1.24 (1H, m) ; 1.20-1.23 (5H, m) ; 1.21-1.23 (8H, m) .
18		(CDCl <sub>3</sub> ) : 1.21 (3H, s) ; 1.23 (3H, s) ; 1.24-1.24 (7H, m) ; 1.25-1.26 (1H, m) 1.26- 1.28 (3H, m) ; 1.23-1.21 (14H, m)

No.	FORMULA	NMR or mass
19		(CDCl <sub>3</sub> ) ; 1.25-1.20 (3H, m) ; 1.23-1.22 (10H, m) ; 1.23-1.21 (1H, m) ; 1.26-1.23 (1H, m) ; 1.23-1.26 (2H, m) ; 1.28-1.26 (14H, m).
20		(CDCl <sub>3</sub> ) ; 1.20-1.28 (12H, m) ; 1.28-1.25 (1H, m) ; 1.20-1.27 (8H, m) ; 1.27-1.24 (1H, m) ; 1.29-1.26 (3H, m) ; 1.21-1.25 (9H, m).
21		(CDCl <sub>3</sub> ) ; 1.27-1.27 (4H, m) ; 1.21-1.21 (6H, m) ; 1.23-1.22 (3H, m) ; 1.21-1.27 (2H, m) ; 1.24-1.26 (1H, m) ; 1.29-1.28 (5H, m) ; 1.22-1.26 (8H, m) ; 1.29-1.22 (1H, m).

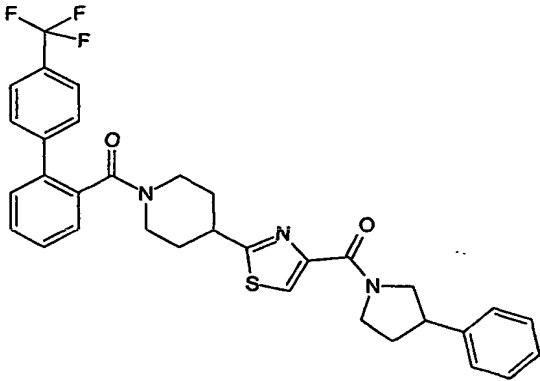
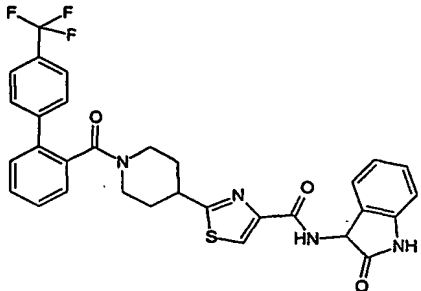
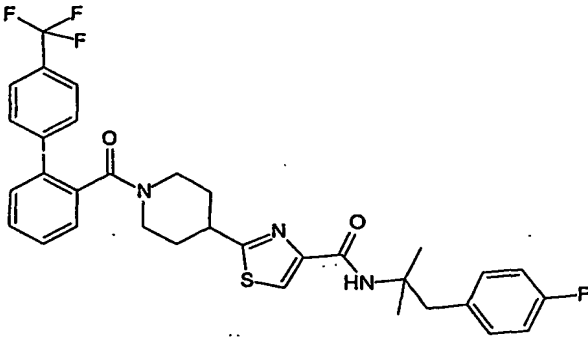
No.	FORMULA	NMR or mass
22		(CDCl <sub>3</sub> ) : 1.24-1.21 (4H, m) ; 1.20-1.24 (6H, m) ; 1.29-1.26 (3H, m) ; 1.29-1.24 (1H, m) ; 1.24-1.20 (1H, m) ; 1.24-1.28 (2H, m) ; 1.20-1.26 (2H, m) ; 1.22-1.25 (9H, m) ; 1.21-1.20 (1H, m).
23		(CDCl <sub>3</sub> ) : 1.27-1.28 (4H, m) ; 1.29-1.26 (2H, m) ; 1.26 (3H, s) ; 1.24- 1.26 (4H, m) ; 1.28-1.22 (2H, m) ; 1.21-1.28 (3H, m) ; 1.26-1.29 (14H, m).
24		(CDCl <sub>3</sub> ) : 1.26-1.28 (7H, m) ; 1.22-1.25 (10H, m) ; 1.21-1.25 (3H, m) ; 1.21-1.24 (7H, m) ; 1.25-1.25 (7H, m).

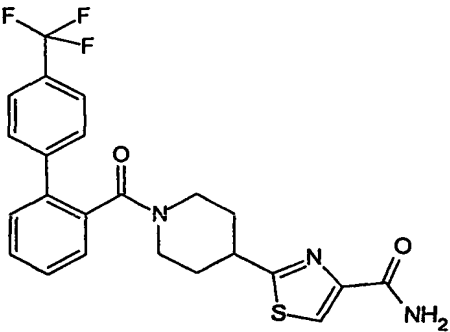
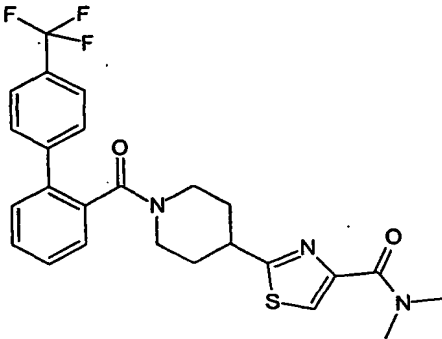
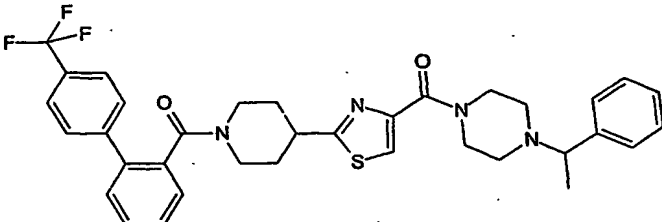
No.	FORMULA	NMR or mass
25		(DMSO-d <sub>6</sub> ) : 1.28-1.27 (3H, m) ; 1.20-1.24 (8H, m) ; 1.21-1.28 (3H, m) ; 1.27-1.26 (8H, m) ; 1.24-1.22 (1H, m).
26		(DMSO-d <sub>6</sub> ) : 1.24-1.22 (4H, m) ; 1.24-1.22 (4H, m) ; 1.29-1.20 (1H, m) ; 1.29-1.24 (8H, m) ; 1.23-1.22 (1H, m) ; 11.27 (1H, s large).
27		(DMSO-d <sub>6</sub> ) : 1.24-1.25 (6H, m) ; 1.23-1.25 (10H, m) ; 1.20-1.24 (1H, m) ; 1.28-1.26 (1H, m) ; 1.23-1.27 (14H, m).
28		(CDCl <sub>3</sub> ) : 1.29-1.23 (6H, m) ; 1.27-1.21 (10H, m) ; 1.23-1.28 (3H, m) ; 1.24-1.24 (1H, m large) ; 1.22-1.22 (14H, m).

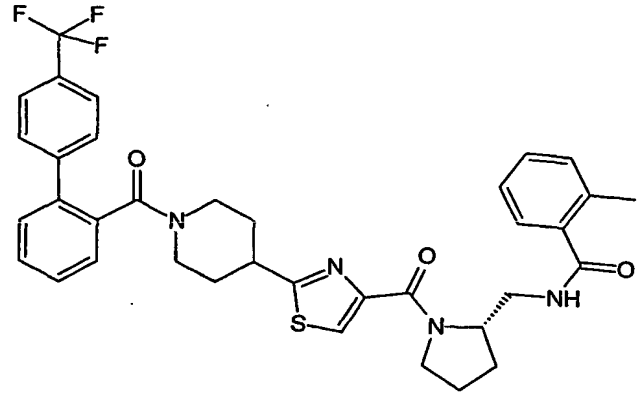
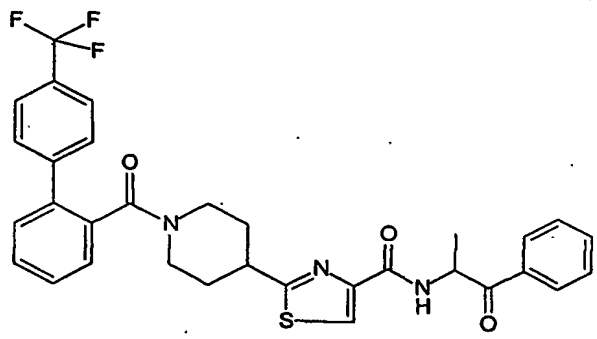
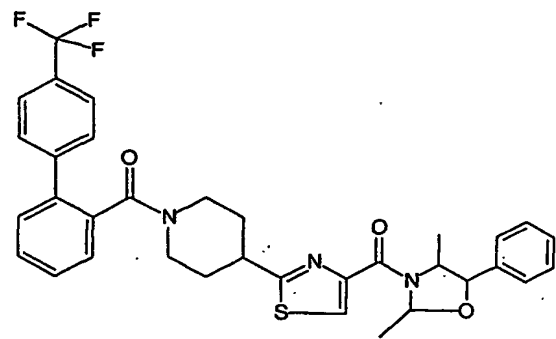
No.	FORMULA	NMR or mass
29	 <p data-bbox="289 762 1219 825">N-[2-(diethylamino)-2-oxo-1-phenylethyl]-2-(1-([4'-(trifluoromethyl)-biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	<p data-bbox="1242 474 1409 705">(DMSO-d<sub>6</sub>) : 1.22-1.26 (18H, m) ; 1.23-1.28 (1H, m) ; 1.20-1.22 (1H, m) ; (15H, m).</p>
30		<p data-bbox="1242 842 1409 1234">(CDCl<sub>3</sub>) : 1.20-1.21 (8H, m) ; 1.26-1.27 (1H, m) ; 1.28-1.27 (1H, m) ; 1.27-1.27 (8H, m) ; 1.20-1.25 (3H, m) ; 1.22 (1H, s) ; 1.24- 1.29 (10H, m).</p>
31		<p data-bbox="1242 1251 1409 1623">(CDCl<sub>3</sub>) : 1.22-1.25 (3H, m) ; 1.27-1.27 (7H, m) ; 1.24-1.20 (1H, m) ; 1.28-1.21 (1H, m) ; 1.25-1.22 (9H, m) ; 1.22-1.28 (1H, m).</p>

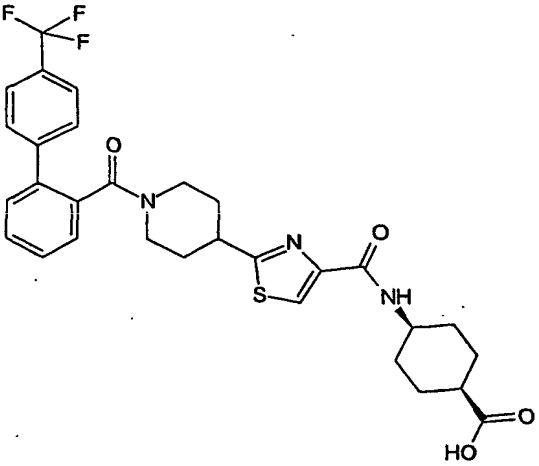
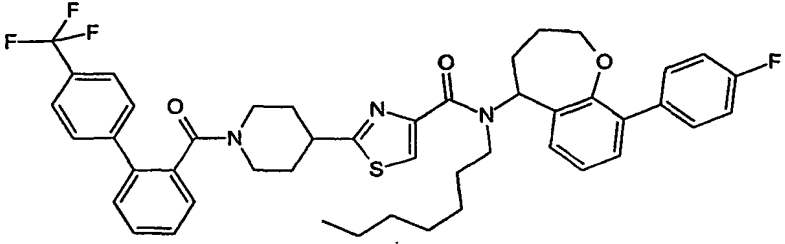
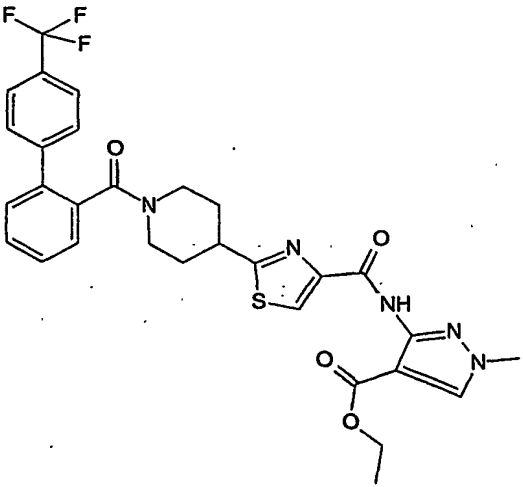
No.	FORMULA	NMR or mass
32		(CDCl <sub>3</sub> ) : 1.21-1.26 (3H, m); 1.23-1.27 (6H, m); 1.26-1.24 (2H, m); 1.29-1.21 (1H, m); 1.22-1.24 (1H, m); 1.26-1.22 (1H, m); 1.24-1.20 (15H, m); 1.28-1.21 (1H, m).
33		(CDCl <sub>3</sub> ) : 1.23-1.25 (9H, m); 1.29-1.29 (4H, m); 1.29-1.24 (2H, m); 1.28-1.29 (3H, m); 1.23-1.27 (10H, m).
34		(CDCl <sub>3</sub> ) : 1.24-1.28 (7H, m); 1.20-1.29 (3H, m); 1.26-1.22 (1H, m); 1.26-1.25 (1H, m); 1.29-1.26 (20H, m).

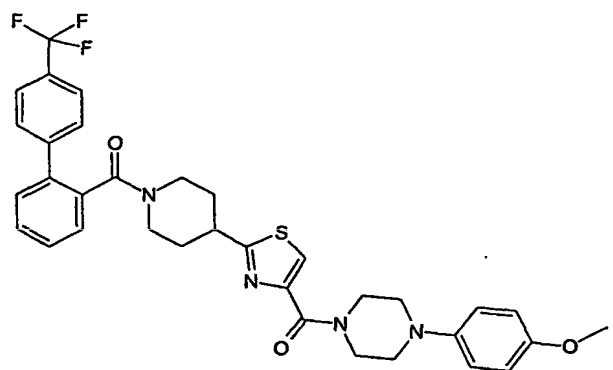
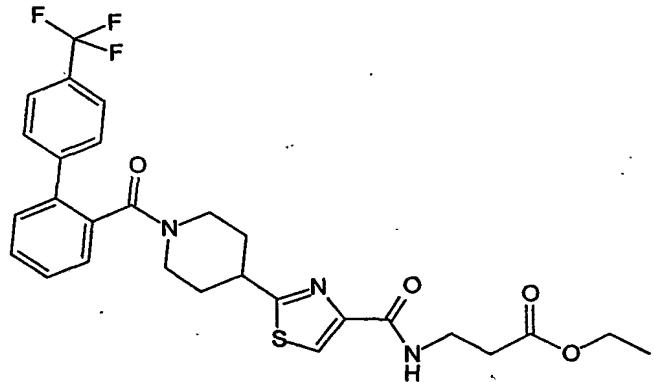
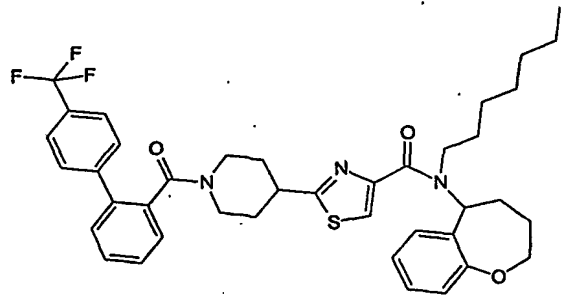


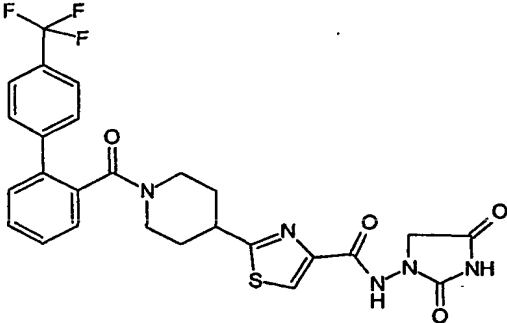
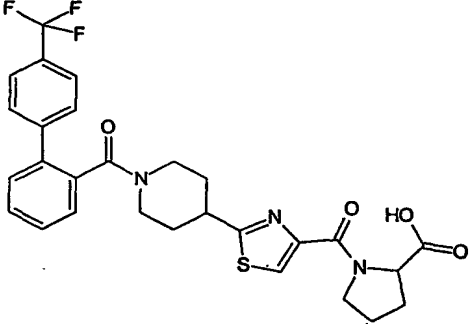
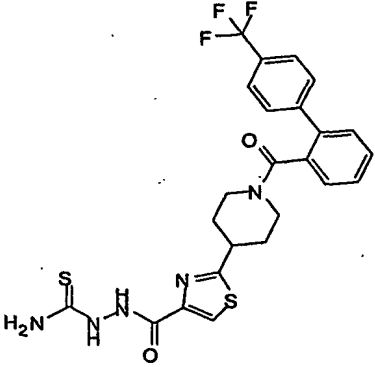
No.	FORMULA	NMR or mass
35		(CDCl <sub>3</sub> ) : 1.29-1.24 (8H, m) ; 1.25-1.23 (7H, m) ; 1.26-1.25 (1H, m) ; 1.27-1.27 (13H, m) ; 1.28-1.22 (1H, m).
36	 <p>N-(2-oxo-2,3-dihydro-1H-indol-3-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	(CDCl <sub>3</sub> ) : 1.22-1.29 (7H, m) ; 1.291.26 (2H, m) ; 1.26-1.21 (1H, m) ; 1.28-1.25 (15H, m).
37	 <p>N-[2-(4-fluorophenyl)-1,1-dimethylethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	(CDCl <sub>3</sub> ) : 1.21 (6H, s) ; 1.20-1.23 (7H, m) ; 1.26-1.20 (2H, m) ; 1.22-1.23 (1H, m) ; 1.22-1.20 (1H, m) ; 1.26-1.24 (13H, m) ; 1.23 (1H, s).

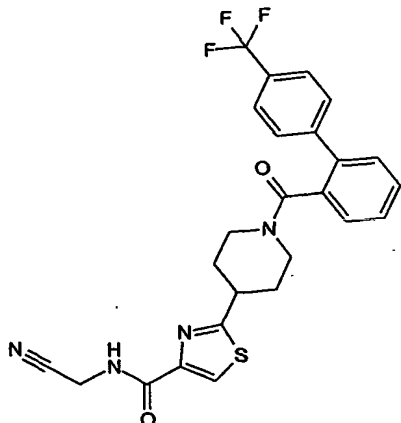
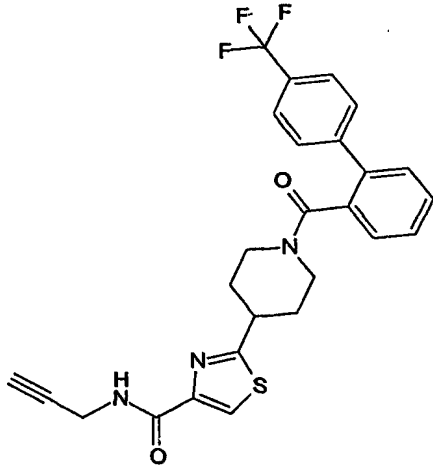
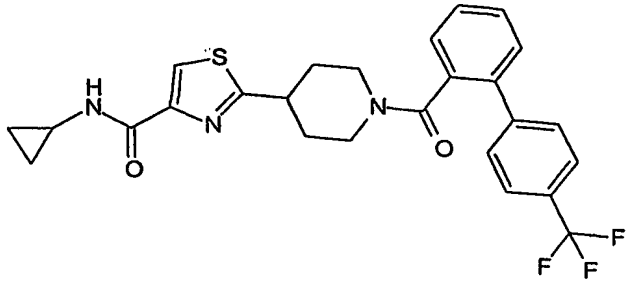
No.	FORMULA	NMR or mass
38		(CDCl <sub>3</sub> ) : 1.21-1.23 (7H, m) ; 1.26-1.28 (1H, m) ; 1.20-1.28 (1H, m) ; 1.22 (1H, s large) ; 1.29 (1H, s large) ; 1.23- 1.27 (8H, m) ; 1.26-1.22 (1H, m).
39		(CDCl <sub>3</sub> ) : 1.24-1.24 (6H, m) ; 1.24-1.24 (7H, m) ; 1.24-1.23 (1H, m) ; 1.28-1.25 (1H, m) ; 1.21-1.25 (9H, m).
40	 <p>1-((1-phenylethyl)-4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine</p>	(CDCl <sub>3</sub> ) : 1.27-1.24 (3H, m) ; 1.26-1.21 (11H, m) ; 1.28-1.23 (2H, m) ; 1.23-1.27 (4H, m) ; 1.20-1.24 (1H, m) ; 1.24-1.26 (14H, m).

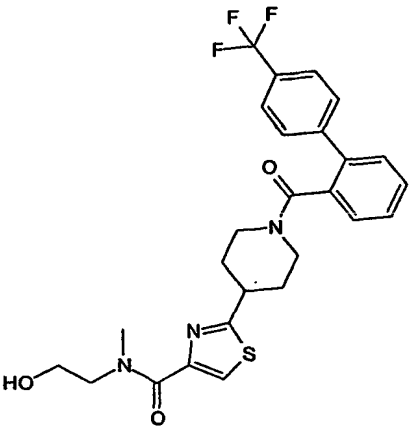
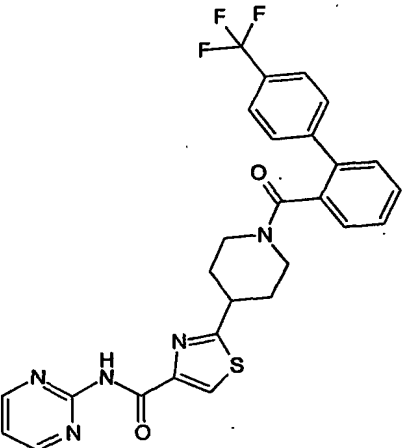
No.	FORMULA	NMR or mass
41		(CDCl <sub>3</sub> ) : 1.23-1.22 (17H, m) ; 1.29-1.27 (2H, m) ; 1.22-1.29 (2H, m) ; 1.22-1.21 (2H, m) ; 1.23-1.20 (12H, m).
42		(CDCl <sub>3</sub> ) : 1.25-1.26 (7H, m) ; 1.26-1.22 (5H, m) ; 1.25-1.26 (1H, m) ; 1.23-1.20 (13H, m) ; 1.28-1.22 (2H, m).
43		(CDCl <sub>3</sub> ) : 1.28-1.27 (14H, m) ; 1.291.21 (4H, m) ; 1.22-1.24 (14H, m).

No.	FORMULA	NMR or mass
44	 <chem>FC(F)(F)c1ccc(cc1)-c2ccccc2C(=O)N3CCCCC3c4nc(C(=O)N[C@@H]5CCCCC5C(=O)O)c(s4)</chem>	
45	 <chem>CCCCCN(C(=O)c1cc2sc(C3CCCCC3C(=O)N(c4ccccc4-c5ccccc5C(=O)N6C(CF)(F)F)cc6)c2n1)C7C8C(OC8)C=C7c9ccc(cc9)F</chem>	
46	 <chem>CCOC(=O)c1cc(C(=O)Nc2nc(C(=O)N3CCCCC3C(=O)N4C(CF)(F)F)cc4)cnn1</chem>	

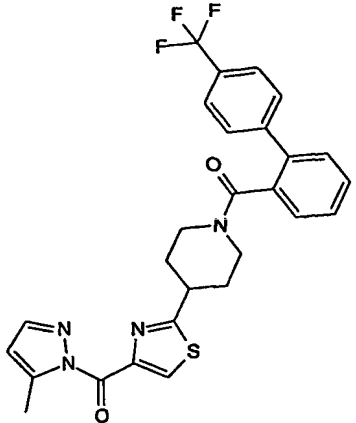
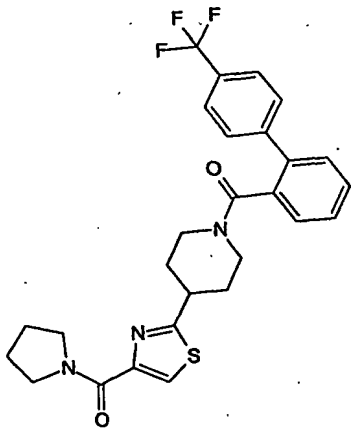
No.	FORMULA	NMR or mass
47	 <p>1-(4-methoxyphenyl)-4-{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p>	
48	 <p>1-(4-methoxyphenyl)-4-{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p>	
49	 <p>N-heptyl-N-(2,3,4,5-tetrahydro-1-benzoxepin-5-yl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

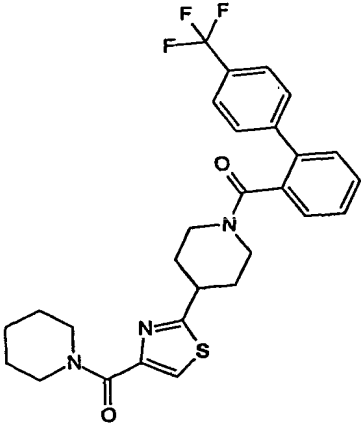
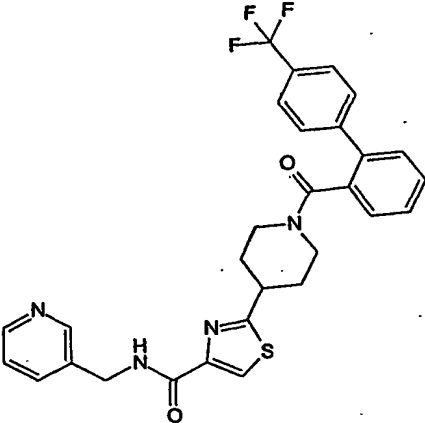
No.	FORMULA	NMR or mass
50	 <p data-bbox="293 730 1133 793">N-(2,4-dioxoimidazolidin-1-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl])carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
51	 <p data-bbox="293 1226 1219 1289">1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl])carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl)carbonyl)proline</p>	
52	 <p data-bbox="293 1730 1219 1793">2-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl])carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl)carbonyl)hydrazinecarbothioamide</p>	

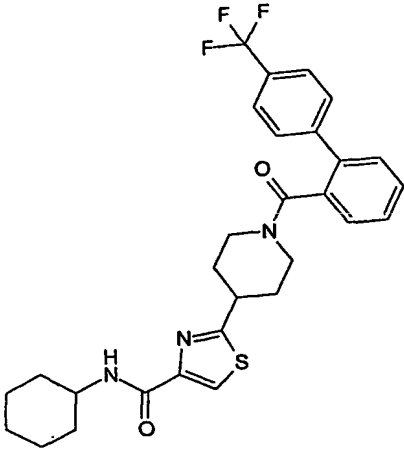
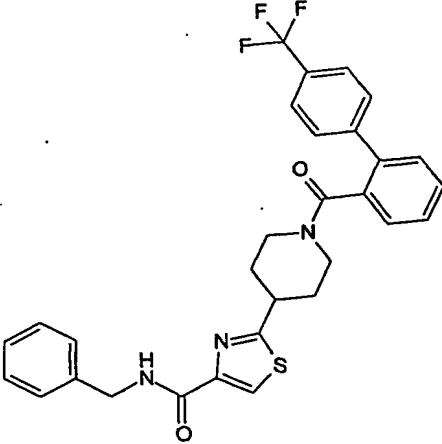
No.	FORMULA	NMR or mass
53	 <p data-bbox="284 840 1209 892">N-(cyanomethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
54	 <p data-bbox="284 1417 1209 1470">N-prop-2-yn-1-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
55	 <p data-bbox="284 1648 1209 1701">N-(cyclopropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

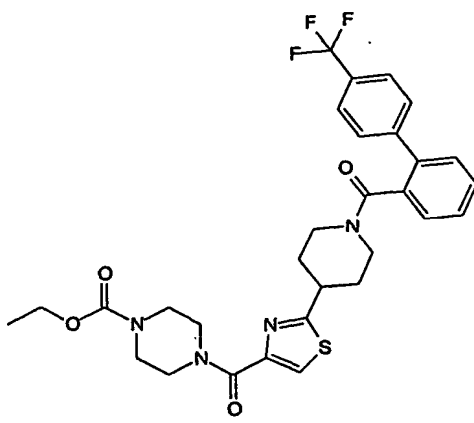
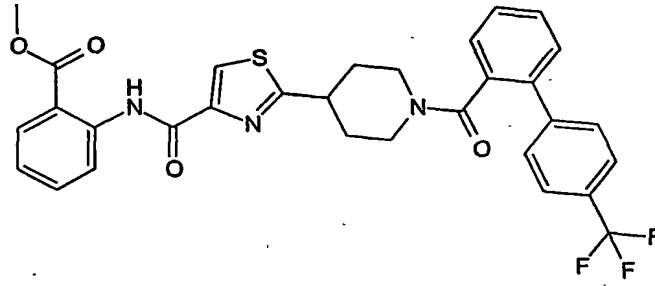
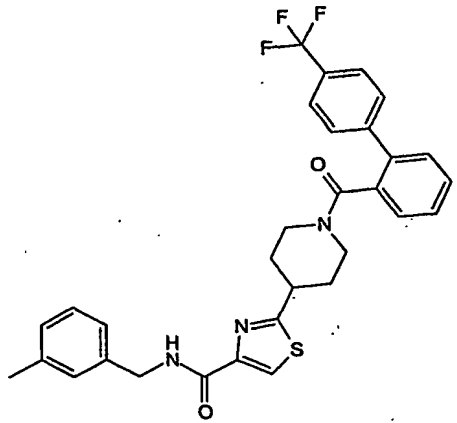
No.	FORMULA	NMR or mass
56	 <p>N-(2-hydroxyethyl)-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
57	 <p>N-pyrimidin-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

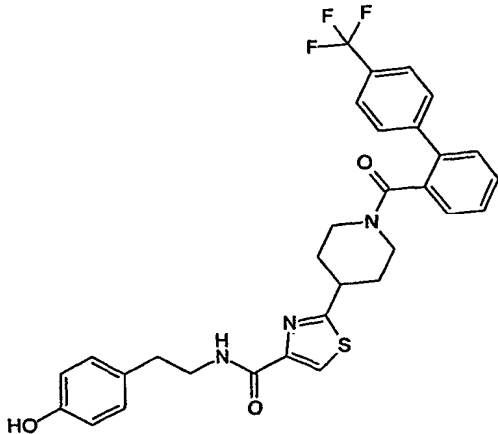
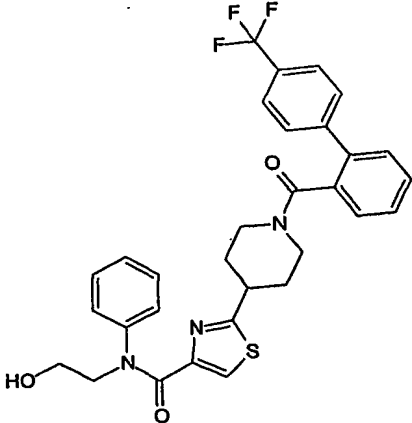


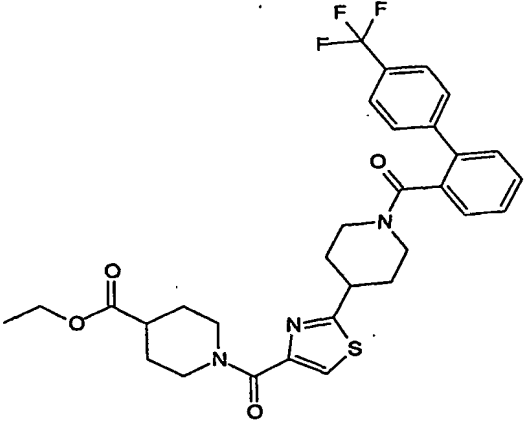
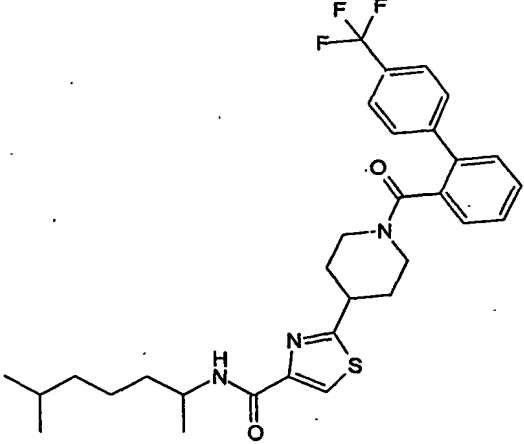
No.	FORMULA	NMR or mass
58	 <p>4-[4-[(5-methyl-1H-pyrazol-1-yl)carbonyl]-1,3-thiazol-2-yl]-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p>	
59	 <p>4-[4-(pyrrolidin-1-ylcarbonyl)-1,3-thiazol-2-yl]-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p>	

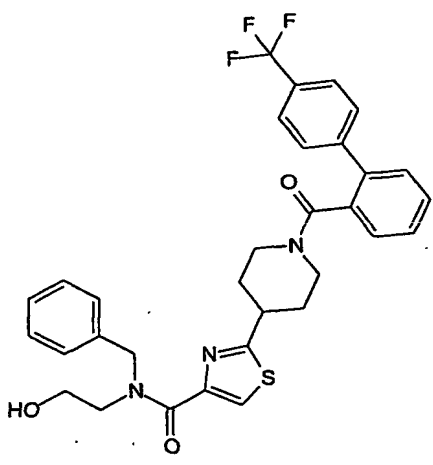
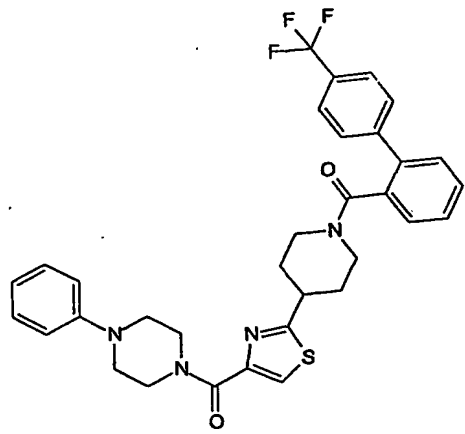
No.	FORMULA	NMR or mass
60	 <p>4-[4-(piperidin-1-ylcarbonyl)-1,3-thiazol-2-yl]-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p>	
61	 <p>N-(pyridin-3-ylmethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

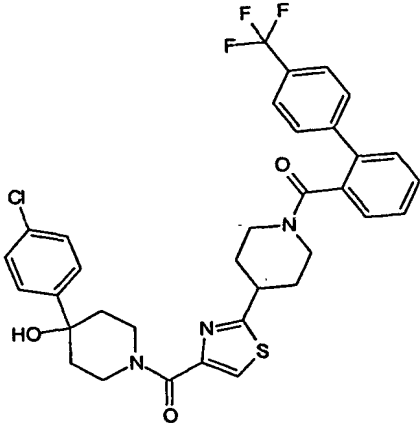
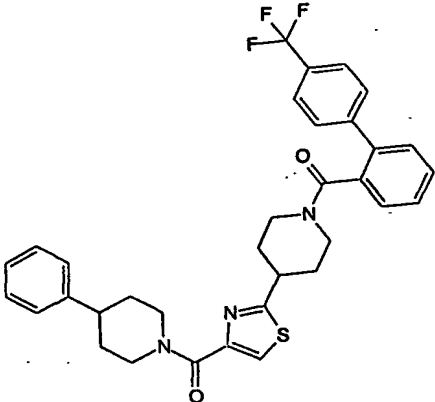
No.	FORMULA	NMR or mass
62	 <p>N-cyclohexyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
63	 <p>N-benzyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
64	 <p>ethyl 4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine-1-carboxylate</p>	
65		
66	 <p>N-(3-methylbenzyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

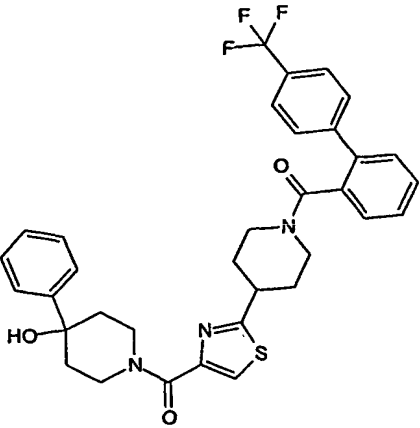
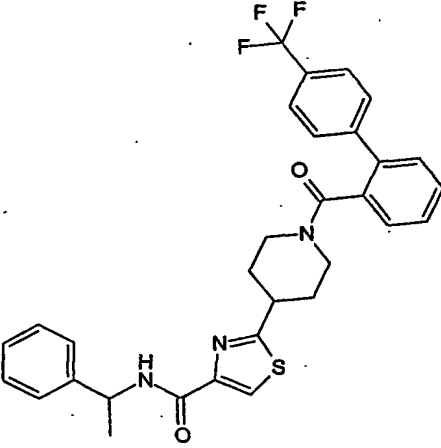
No.	FORMULA	NMR or mass
67	 <p>N-[2-(4-hydroxyphenyl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
68	 <p>N-(2-hydroxyethyl)-N-phenyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

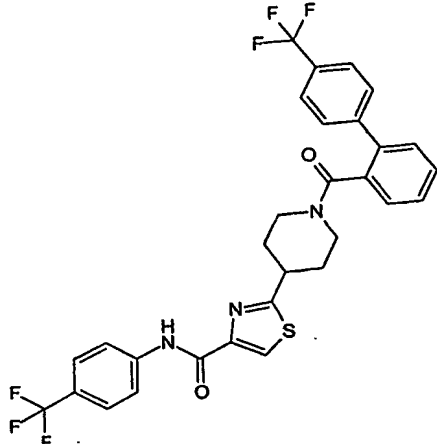
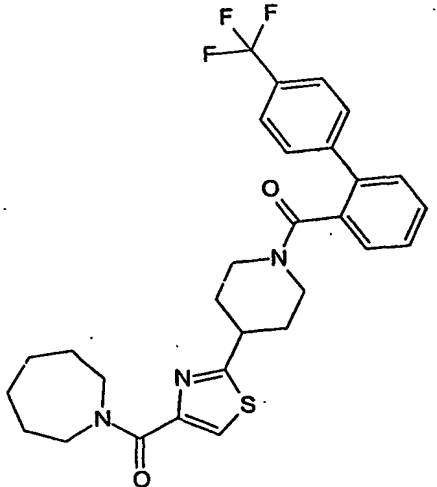
No.	FORMULA	NMR or mass
69	 <p>ethyl 1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine-4-carboxylate</p>	
70	 <p>N-(1,5-dimethylhexyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

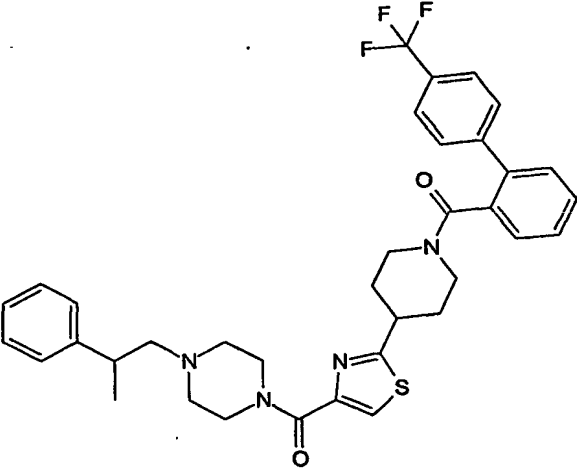
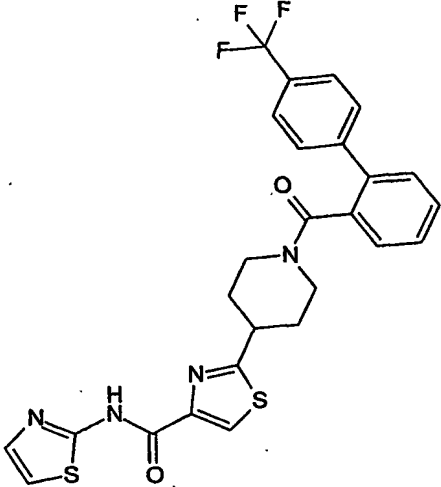
No.	FORMULA	NMR or mass
71	 <p data-bbox="284 861 1104 934">N-benzyl-N-(2-hydroxyethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
72	 <p data-bbox="284 1438 1193 1512">1-phenyl-4-{[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine</p>	

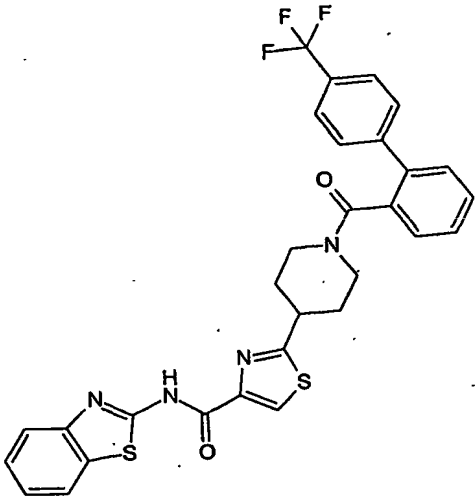
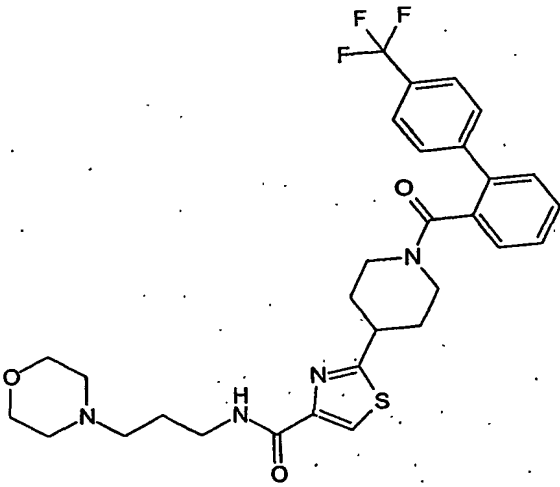
No.	FORMULA	NMR or mass
73	 <p data-bbox="277 842 1133 898">4-(4-chlorophenyl)-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-ol</p>	
74	 <p data-bbox="284 1402 1187 1459">4-phenyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine</p>	

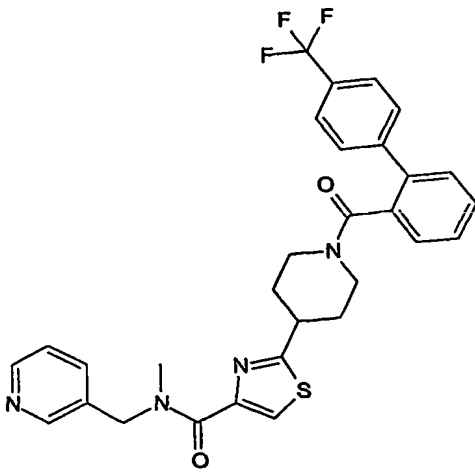
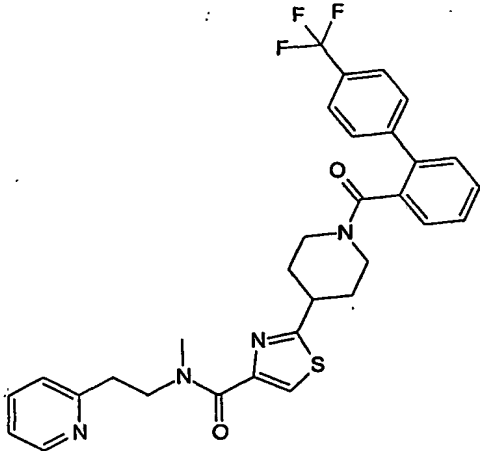


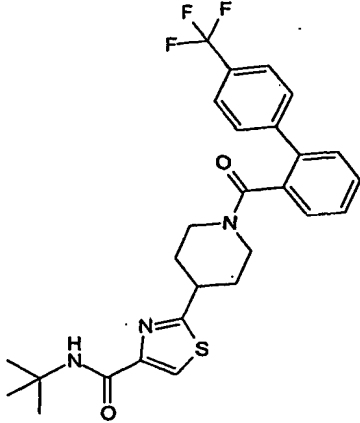
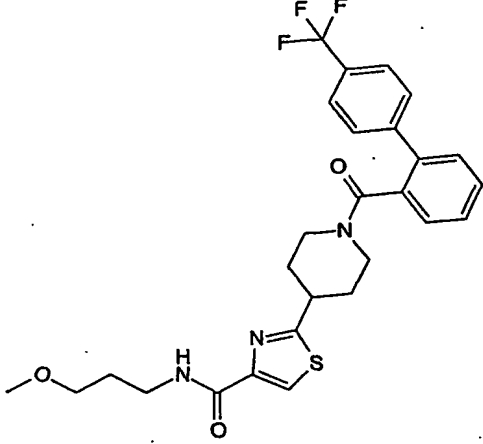
No.	FORMULA	NMR or mass
75	 <p data-bbox="280 856 1185 919">4-phenyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-ol</p>	
76	 <p data-bbox="280 1465 1185 1528">N-(1-phenylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

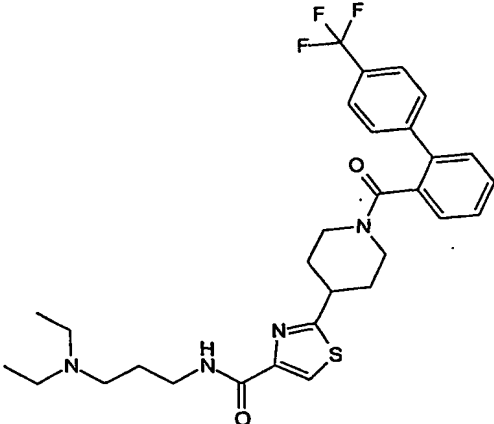
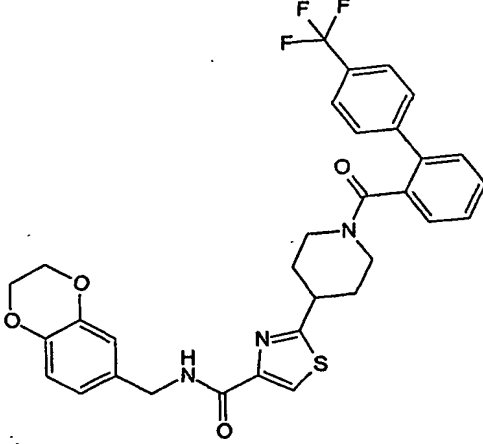
No.	FORMULA	NMR or mass
77	 <p>2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-N-[4-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
78	 <p>1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)azepane</p>	

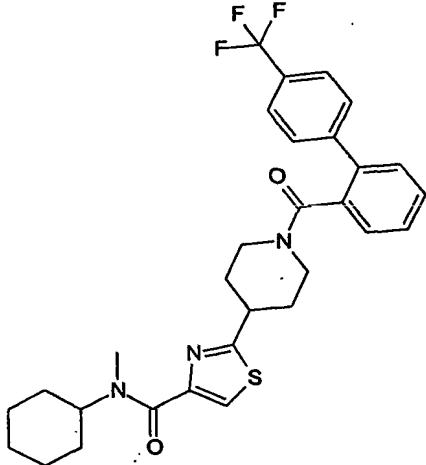
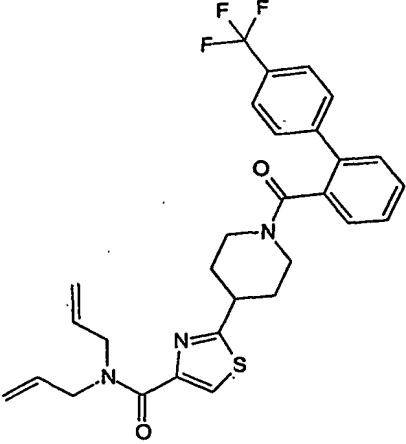
No.	FORMULA	NMR or mass
79	 <p data-bbox="289 884 1138 940">1-(2-phenylpropyl)-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p>	
80	 <p data-bbox="293 1541 1192 1598">N-1,3-thiazol-2-yl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide.</p>	

No.	FORMULA	NMR or mass
81	 <p data-bbox="280 898 1157 961">N-1,3-benzothiazol-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
82	 <p data-bbox="289 1549 1198 1612">N-(3-morpholin-4-ylpropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

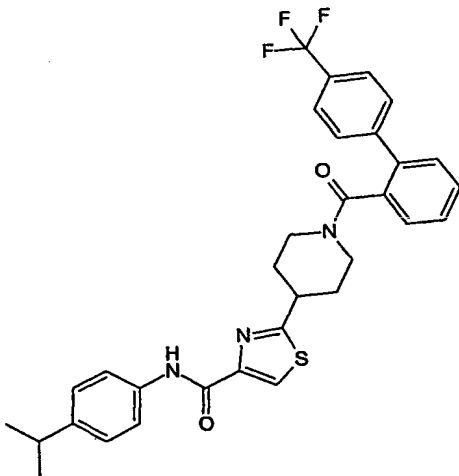
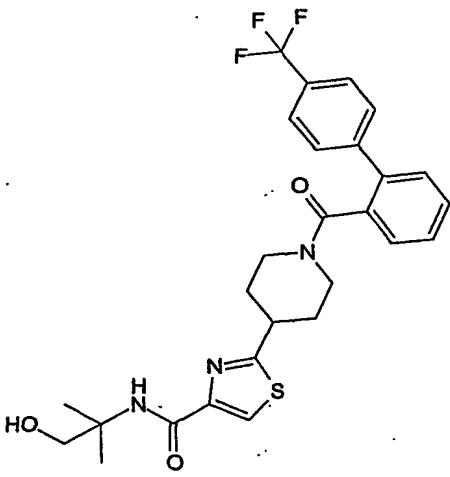
No.	FORMULA	NMR or mass
83	 <p data-bbox="285 890 1146 947">N-methyl-N-(pyridin-3-ylmethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
84	 <p data-bbox="290 1499 1154 1556">N-methyl-N-(2-pyridin-2-ylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

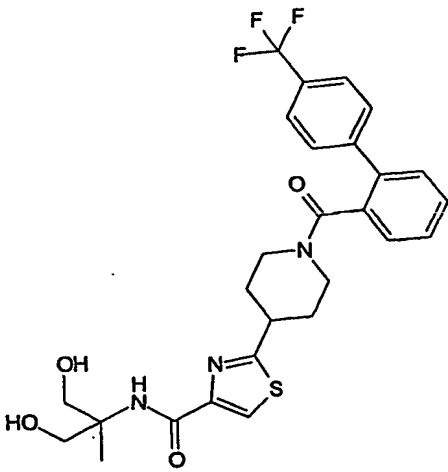
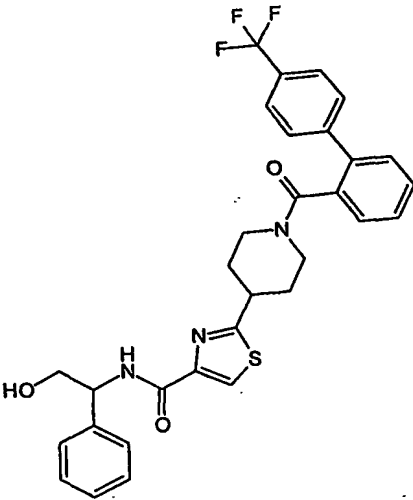
No.	FORMULA	NMR or mass
85	 <p>N-(tert-butyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
86	 <p>N-(3-methoxypropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

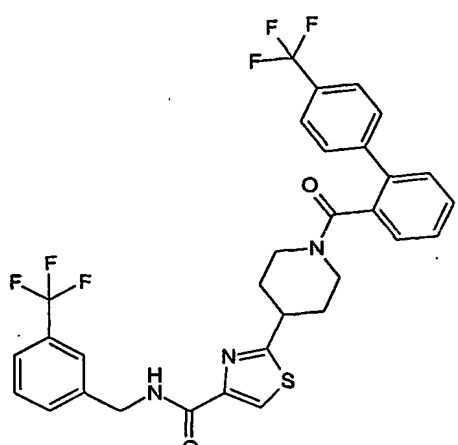
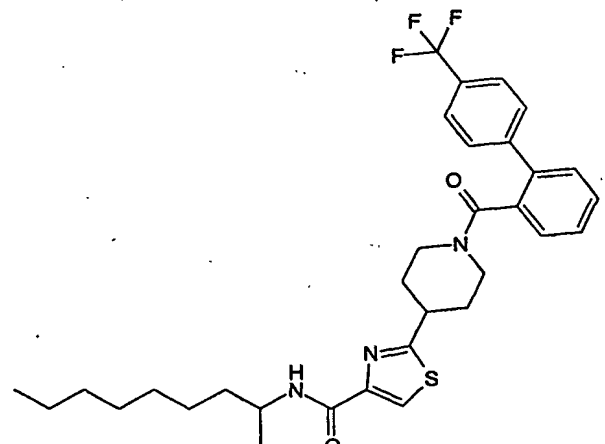
No.	FORMULA	NMR or mass
87	 <p>N-[3-(diethylamino)propyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
88	 <p>N-(2,3-dihydro-1,4-benzodioxin-6-ylmethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

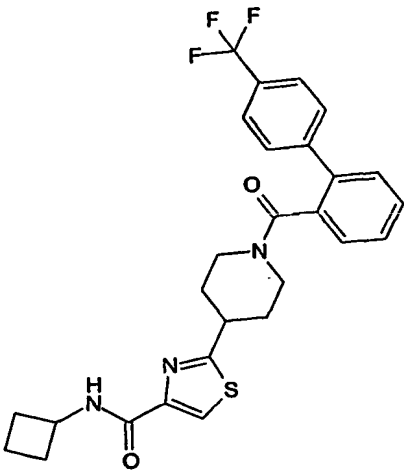
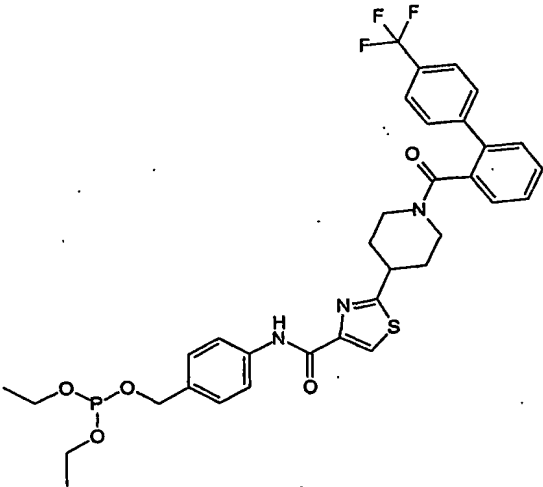
No.	FORMULA	NMR or mass
89	 <p data-bbox="282 890 1144 947">N-cyclohexyl-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
90	 <p data-bbox="282 1499 1162 1556">N,N-diallyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	



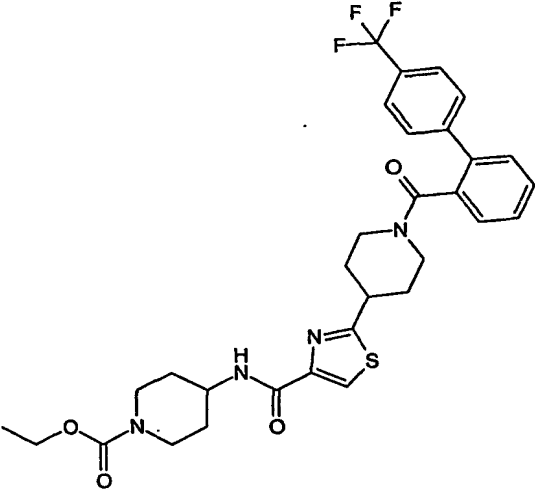
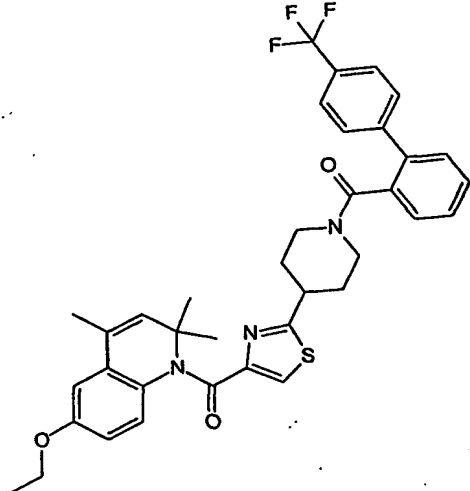
No.	FORMULA	NMR or mass
91	 <p data-bbox="289 884 1143 947">N-(4-isopropylphenyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
92	 <p data-bbox="297 1514 1159 1577">N-(2-hydroxy-1,1-dimethylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

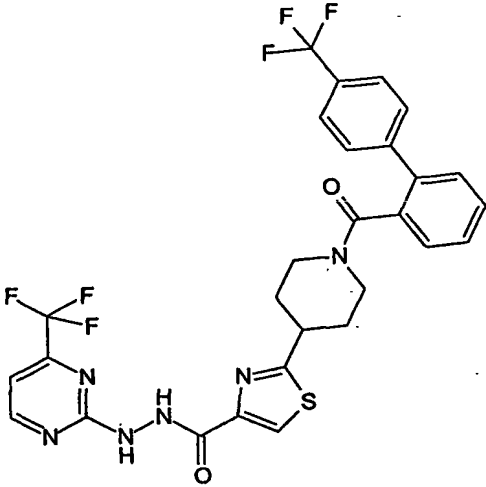
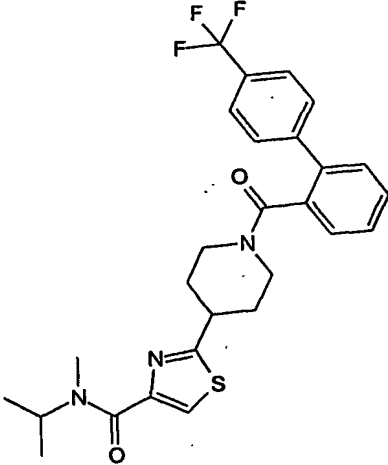
No.	FORMULA	NMR or mass
93	 <p>N-[2-hydroxy-1-(hydroxymethyl)-1-methylethyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
94	 <p>N-(2-hydroxy-1-phenylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

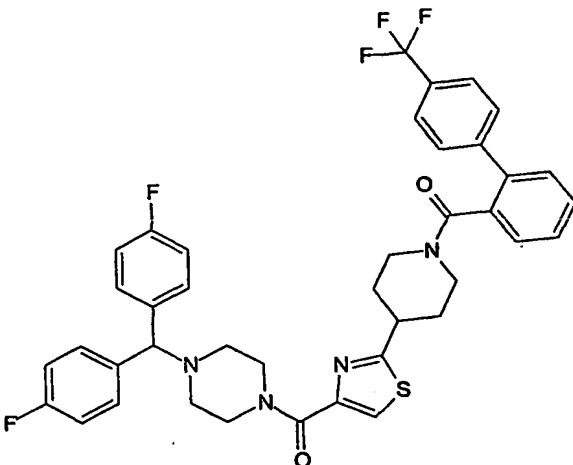
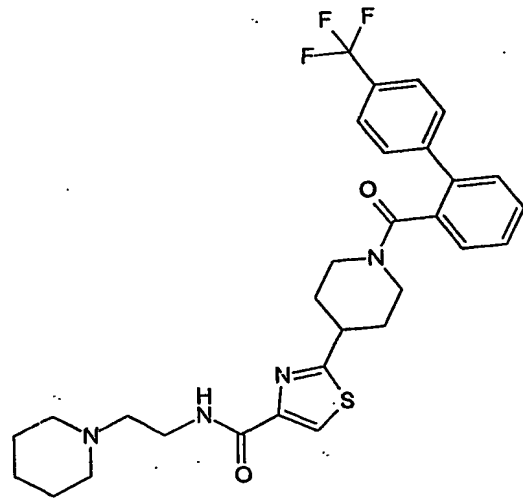
No.	FORMULA	NMR or mass
95	 <p>N-[3-(trifluoromethyl)benzyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
96	 <p>N-(1-methyloctyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

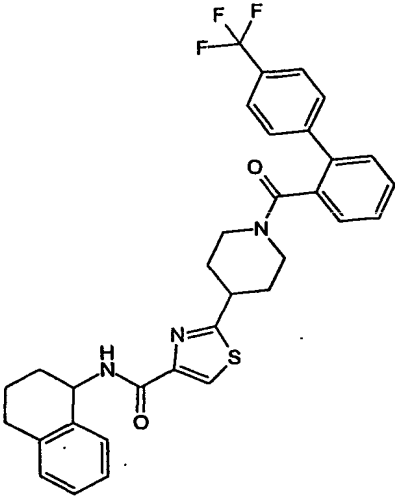
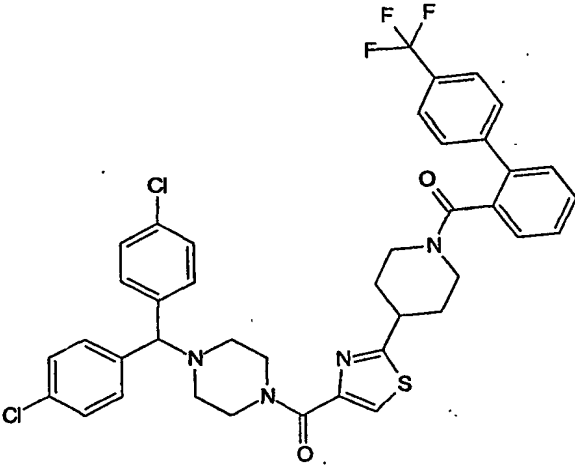
No.	FORMULA	NMR or mass
97	 <p data-bbox="277 888 1187 947">N-cyclobutyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
98	 <p data-bbox="285 1570 1170 1629">diethyl 4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)amino)benzyl phosphite</p>	

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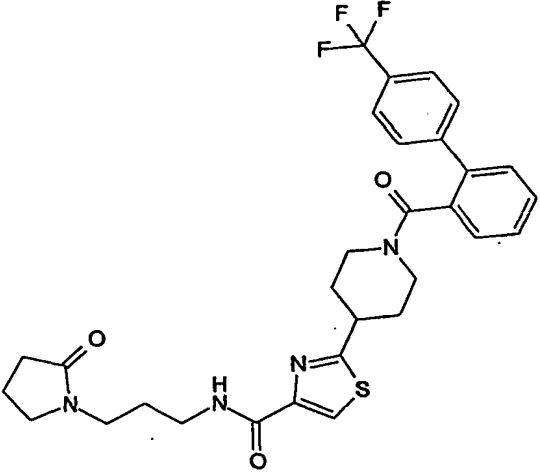
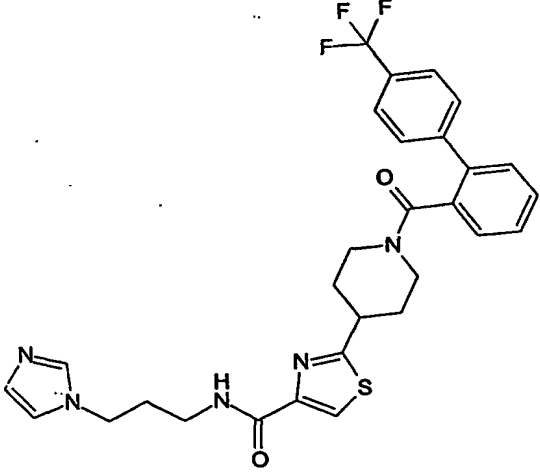
No.	FORMULA	NMR or mass
99	 <p>ethyl 4-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)amino)piperidine-1-carboxylate</p>	
100	 <p>6-ethoxy-2,2,4-trimethyl-1-([2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl]-1,2-dihydroquinoline</p>	

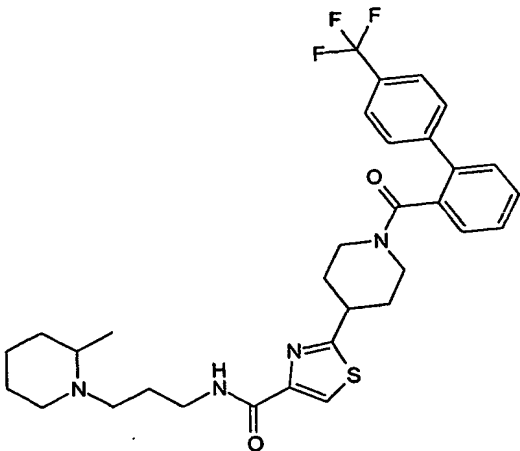
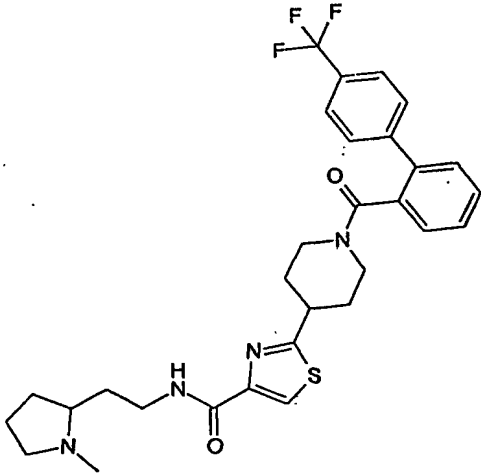
No.	FORMULA	NMR or mass
101	 <p>2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-N'-[4-(trifluoromethyl)pyrimidin-2-yl]-1,3-thiazole-4-carbohydrazide</p>	
102	 <p>N-isopropyl-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

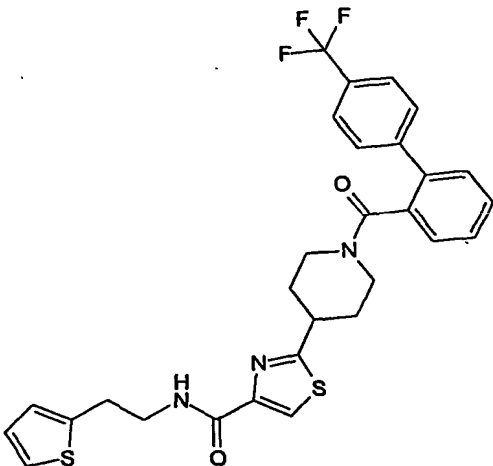
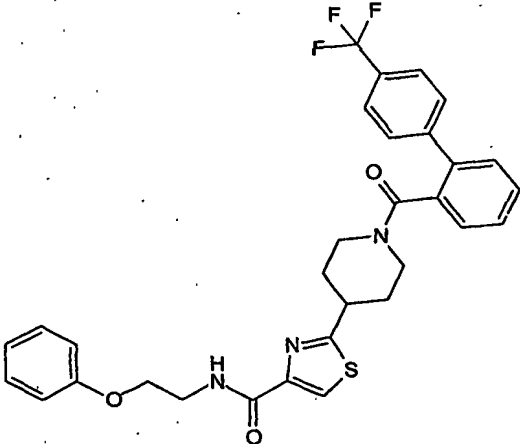
No.	FORMULA	NMR or mass
103	 <p>1-[bis(4-fluorophenyl)methyl]-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p>	
104	 <p>N-(2-piperidin-1-ylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

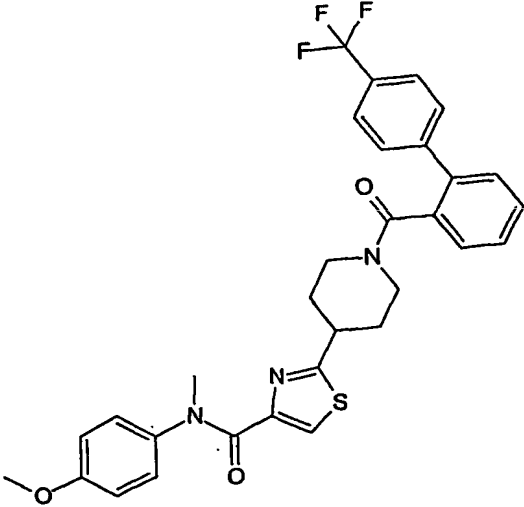
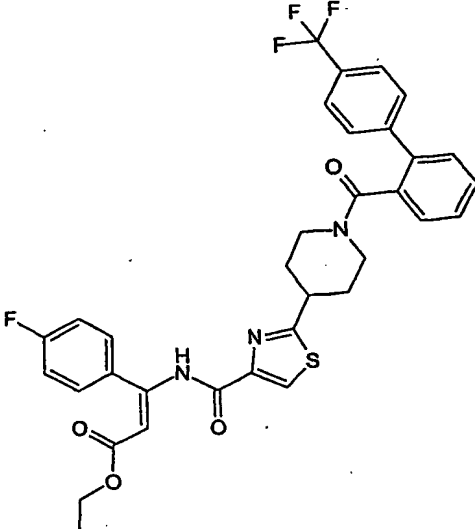
No.	FORMULA	NMR or mass
105	 <p data-bbox="272 909 1170 968">N-(1,2,3,4-tetrahydronaphthalen-1-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
106	 <p data-bbox="277 1539 1149 1598">1-[bis(4-chlorophenyl)methyl]-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine</p>	

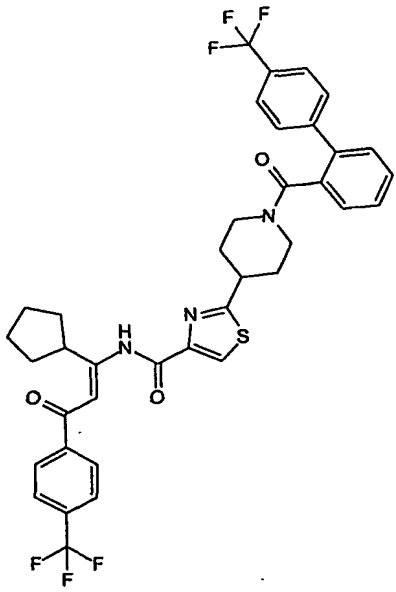
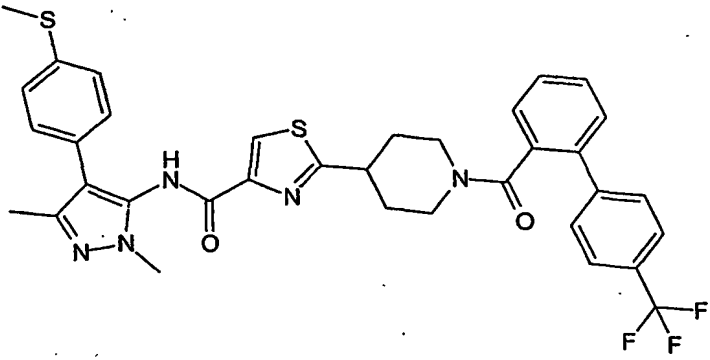


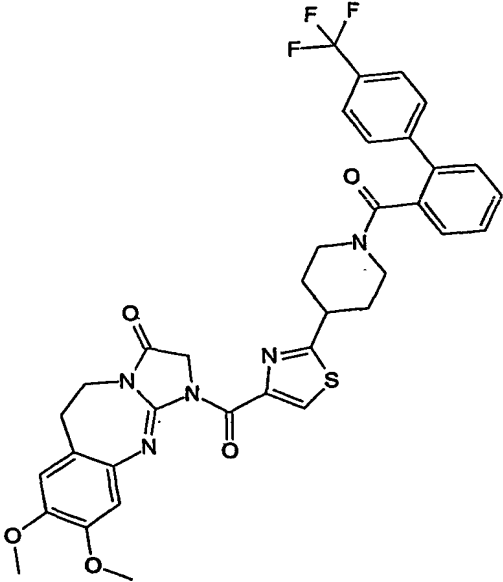
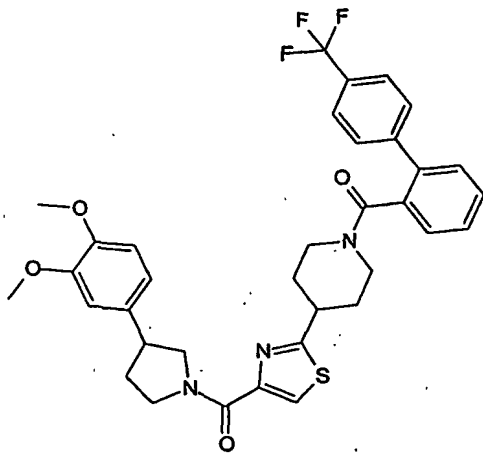
No.	FORMULA	NMR or mass
107	 <p>N-[3-(2-oxopyrrolidin-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
108	 <p>N-[3-(1H-imidazol-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

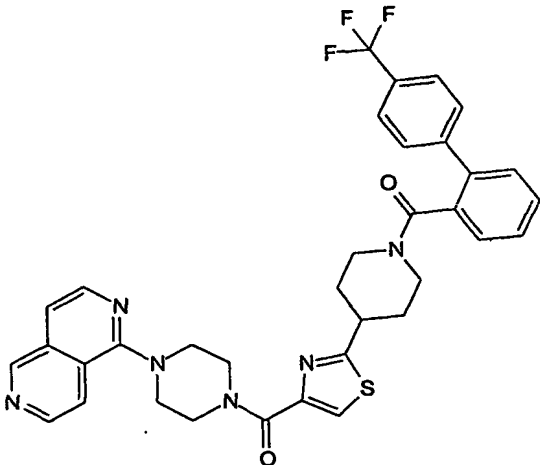
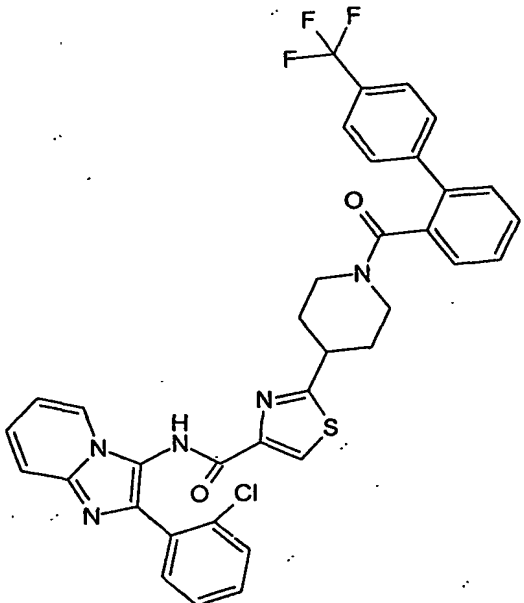
No.	FORMULA	NMR or mass
109	 <p>N-[3-(2-methylpiperidin-1-yl)propyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
110	 <p>N-[2-(1-methylpyrrolidin-2-yl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

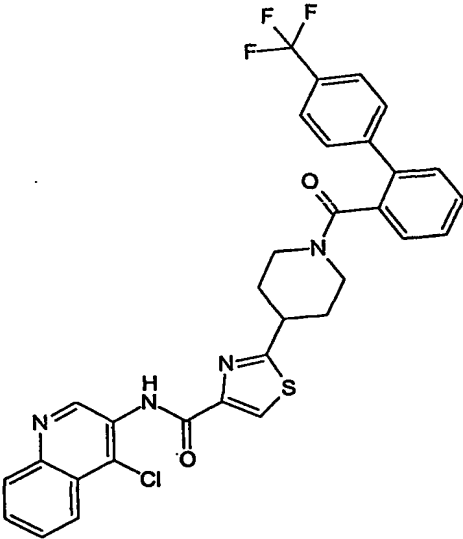
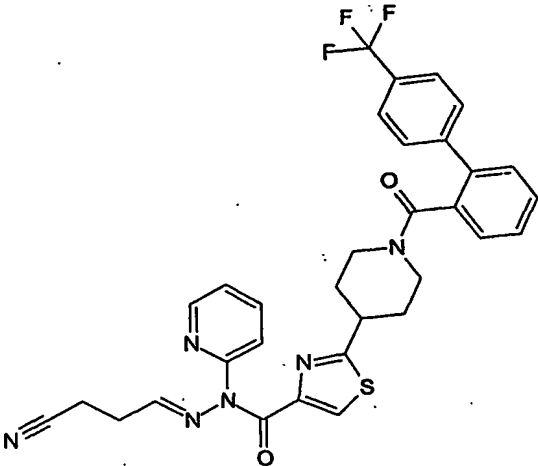
No.	FORMULA	NMR or mass
111	 <p data-bbox="285 884 1122 947">N-[2-(2-thienyl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
112	 <p data-bbox="285 1493 1110 1556">N-(2-phenoxyethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
113	 <p data-bbox="285 932 1138 989">N-(4-methoxyphenyl)-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
114	 <p data-bbox="290 1654 1162 1711">ethyl (2E)-3-(4-fluorophenyl)-3-({[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl)amino)acrylate</p>	

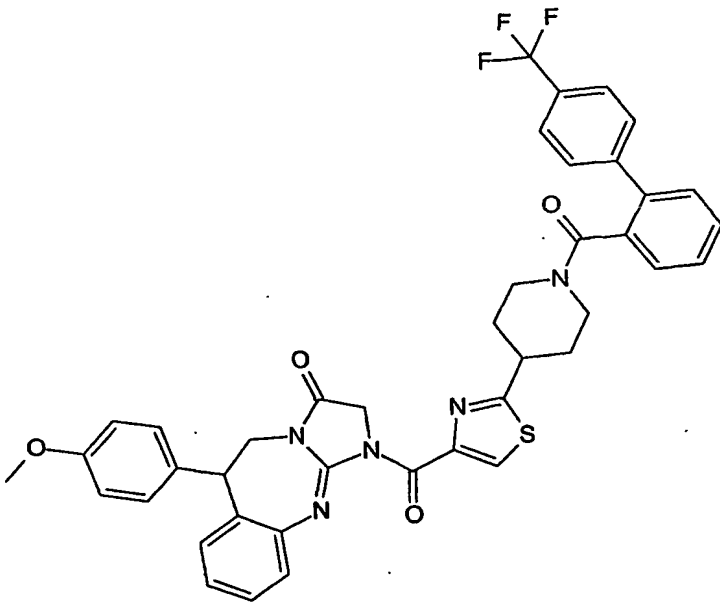
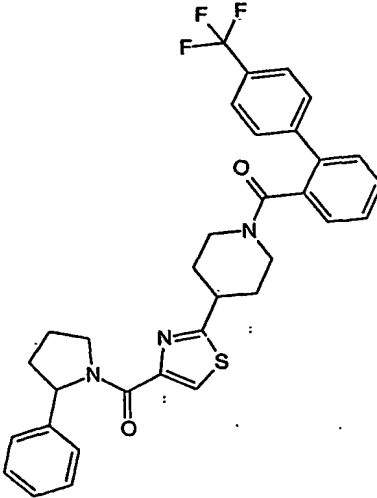
No.	FORMULA	NMR or mass
115	 <p data-bbox="284 1008 1185 1102">N-((1E)-1-cyclopentyl-3-oxo-3-[4-(trifluoromethyl)phenyl]prop-1-en-1-yl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
116	 <p data-bbox="284 1575 1193 1638">N-{1,3-dimethyl-4-[4-(methylthio)phenyl]-1H-pyrazol-5-yl}-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

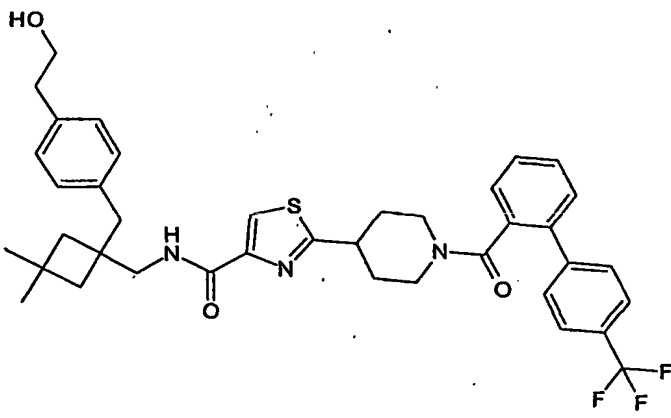
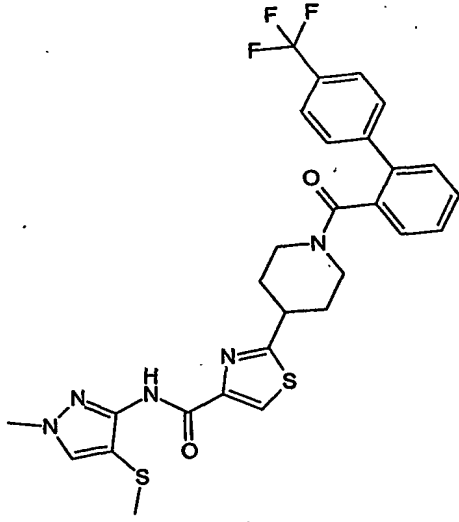
No.	FORMULA	NMR or mass
117	 <p>8,9-dimethoxy-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1,2,5,6-tetrahydro-3H-imidazo[2,1-b][1,3]-benzodiazepin-3-one</p>	
118	 <p>4-(4-([3-(3,4-dimethoxyphenyl)pyrrolidin-1-yl]carbonyl)-1,3-thiazol-2-yl)-1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidine</p>	

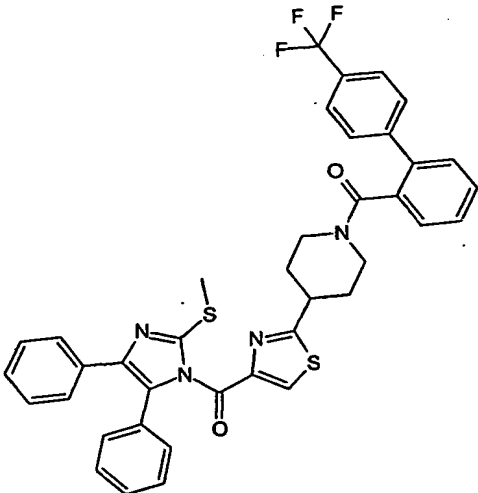
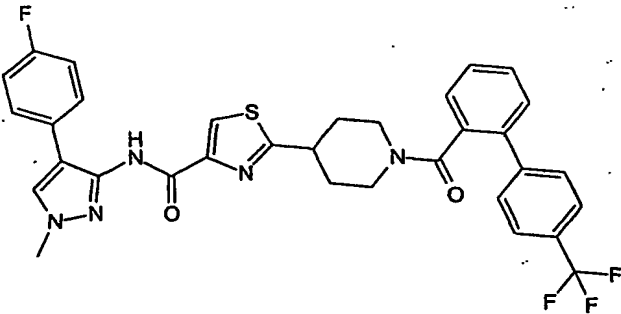
No.	FORMULA	NMR or mass
119	 <p data-bbox="292 892 1161 955">1-(4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-1-yl)-2,6-naphthyridine</p>	
120	 <p data-bbox="300 1659 1193 1722">N-[2-(2-chlorophenyl)imidazo[1,2-a]pyridin-3-yl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

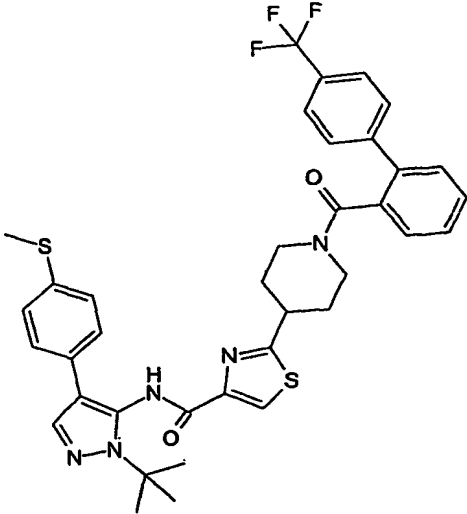
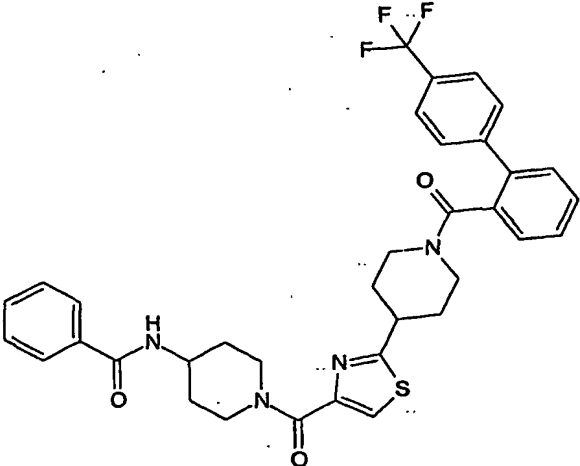
No.	FORMULA	NMR or mass
121	 <p data-bbox="297 982 1179 1045">N-(4-chloroquinolin-3-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
122	 <p data-bbox="305 1638 1138 1701">N'-[(1E)-3-cyanopropylidene]-N-pyridin-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carbohydrazide</p>	

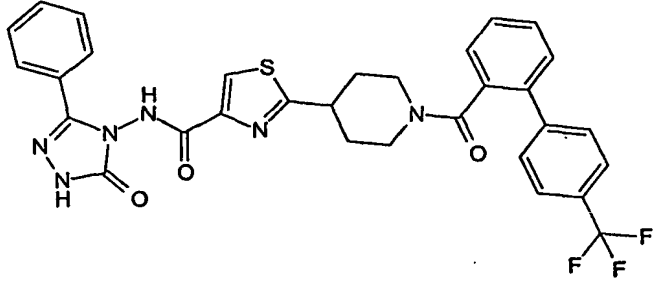
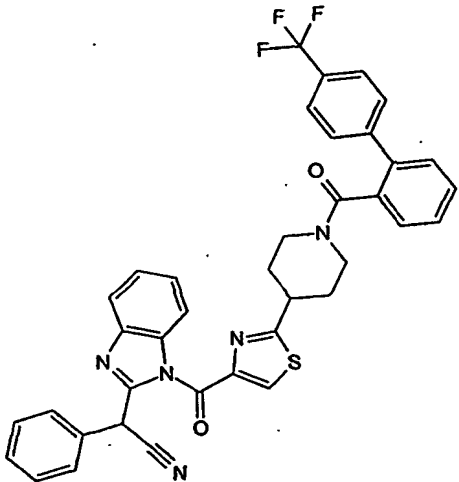
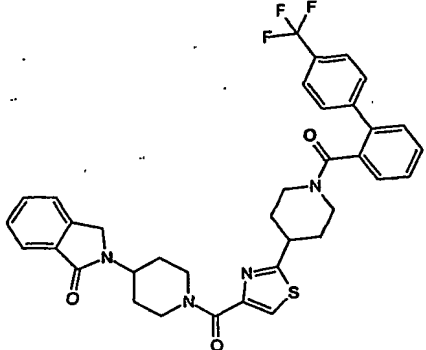


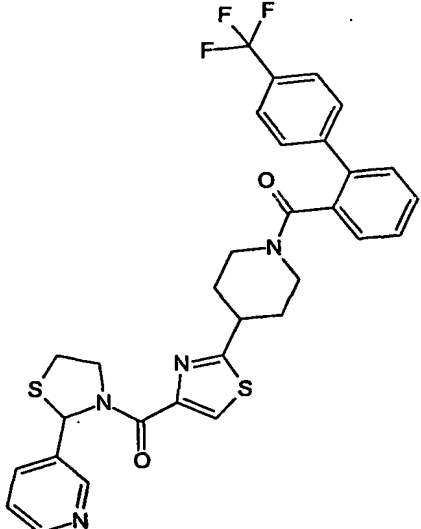
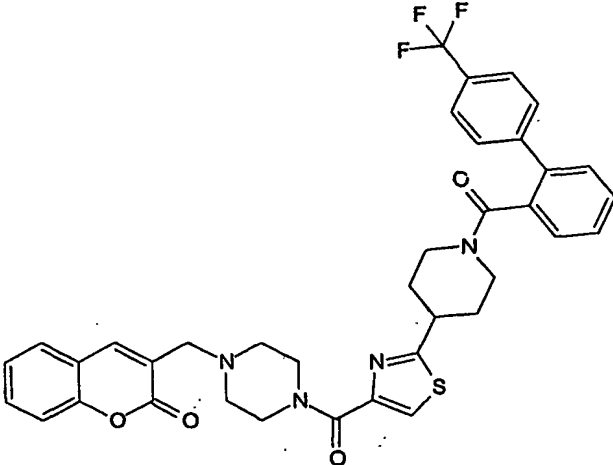
No.	FORMULA	NMR or mass
123	 <p data-bbox="292 1029 1201 1123">6-(4-methoxyphenyl)-1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1,2,5,6-tetrahydro-3H-imidazo[2,1-b][1,3]benzodiazepin-3-one</p>	
124	 <p data-bbox="300 1722 1161 1785">4-{4-[(2-phenylpyrrolidin-1-yl)carbonyl]-1,3-thiazol-2-yl}-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p>	

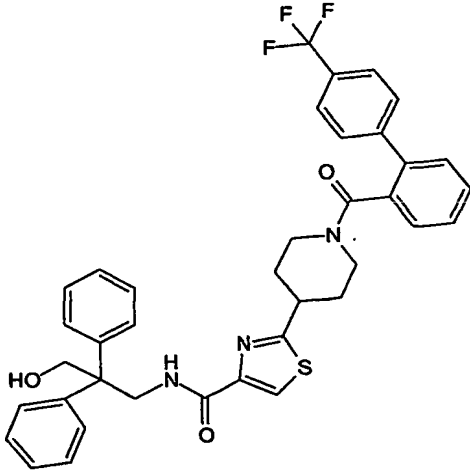
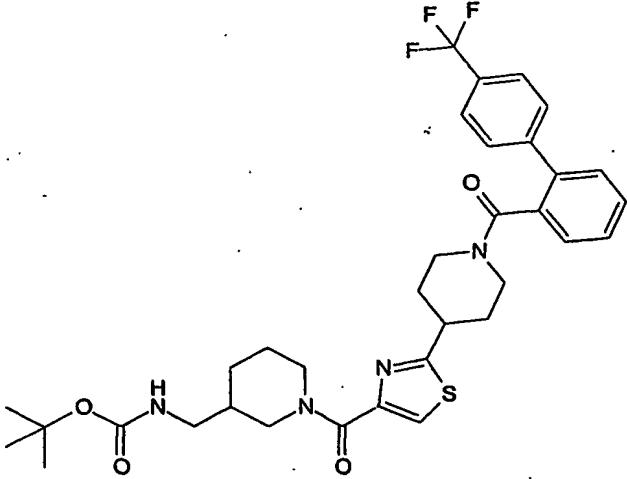
No.	FORMULA	NMR or mass
125	 <p data-bbox="289 821 1170 909">N-((1-[4-(2-hydroxyethyl)benzyl]-3,3-dimethylcyclobutyl)methyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
126	 <p data-bbox="293 1518 1133 1577">N-[1-methyl-4-(methylthio)-1H-pyrazol-3-yl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

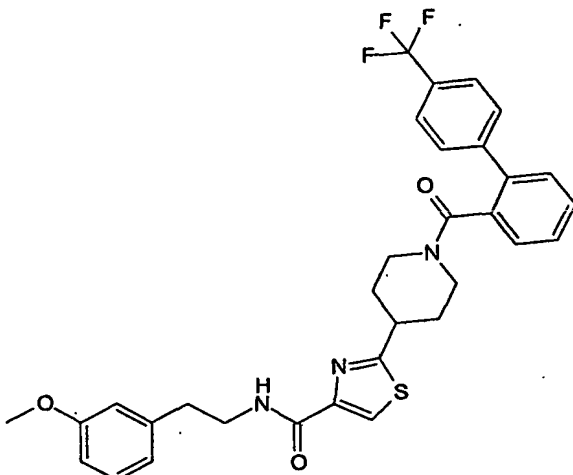
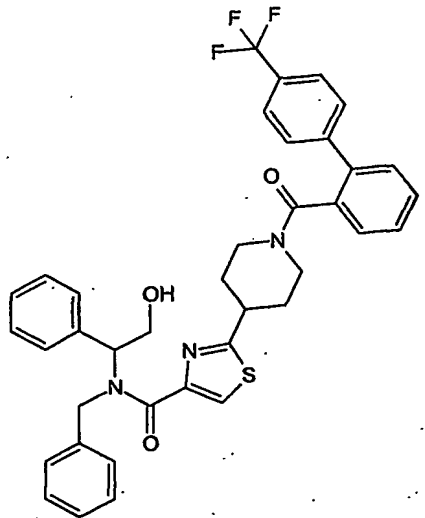
No.	FORMULA	NMR or mass
127	 <p data-bbox="293 898 1195 961">4-(4-[[2-(methylthio)-4,5-diphenyl-1H-imidazol-1-yl]carbonyl]-1,3-thiazol-2-yl)-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p>	
128		

No.	FORMULA	NMR or mass
129	 <p data-bbox="280 953 1179 1016">N-{1-tert-butyl-4-[4-(methylthio)phenyl]-1H-pyrazol-5-yl}-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
130	 <p data-bbox="285 1654 1162 1717">N-(1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidin-4-yl)benzamide</p>	

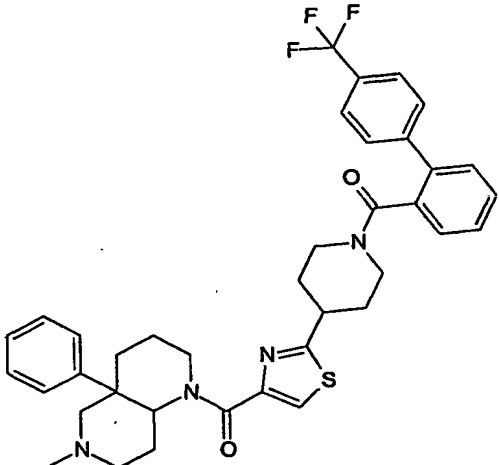
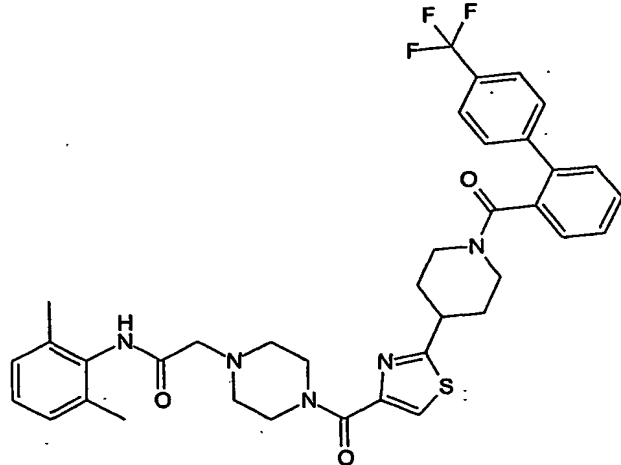
No.	FORMULA	NMR or mass
131		
132	 <p data-bbox="293 1287 1174 1350">phenyl(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1H-benzimidazol-2-yl)acetonitrile</p>	
133	 <p data-bbox="293 1791 1166 1854">2-(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-yl)isoindolin-1-one</p>	

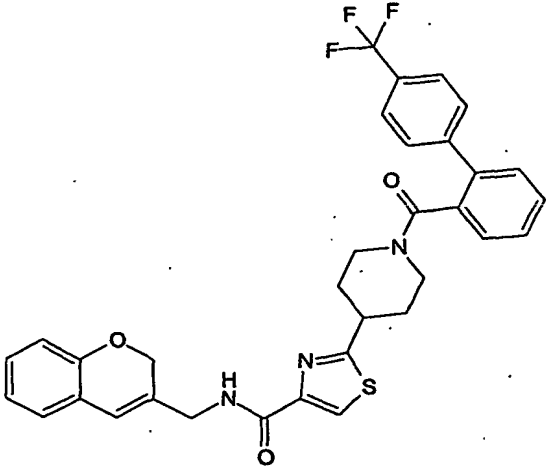
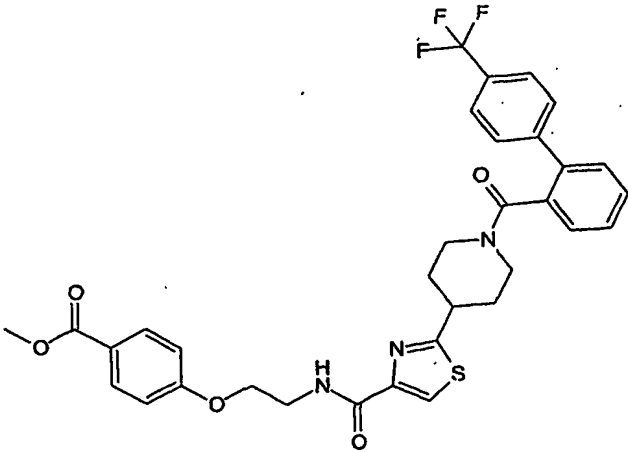
No.	FORMULA	NMR or mass
134	 <p data-bbox="300 955 1161 1018">3-(3-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1,3-thiazolidin-2-yl)pyridine</p>	
135	 <p data-bbox="300 1585 1161 1648">3-([4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-1-yl)methyl]-2H-chromen-2-one</p>	

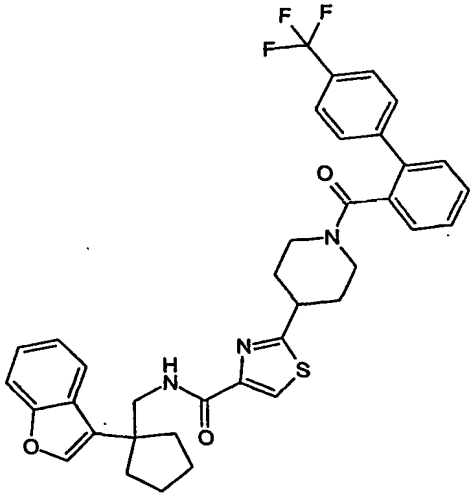
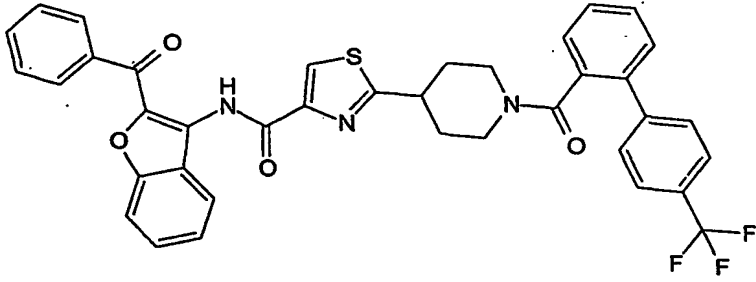
No.	FORMULA	NMR or mass
136	 <p data-bbox="289 892 1166 953">N-(3-hydroxy-2,2-diphenylpropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
137	 <p data-bbox="293 1501 1209 1562">tert-butyl [(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-3-yl)methyl]carbamate</p>	

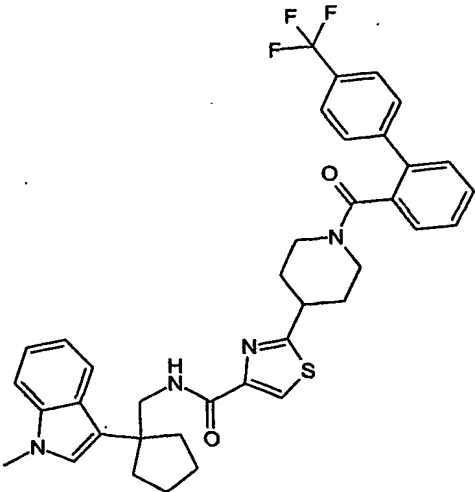
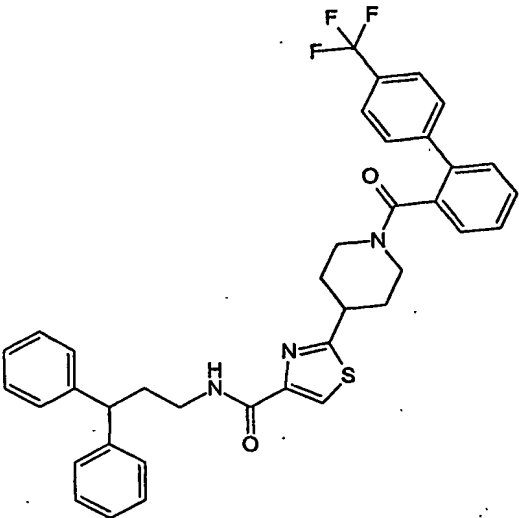
No.	FORMULA	NMR or mass
138	 <p data-bbox="284 913 1112 976">N-[2-(3-methoxyphenyl)ethyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
139	 <p data-bbox="284 1585 1177 1648">N-benzyl-N-(2-hydroxy-1-phenylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

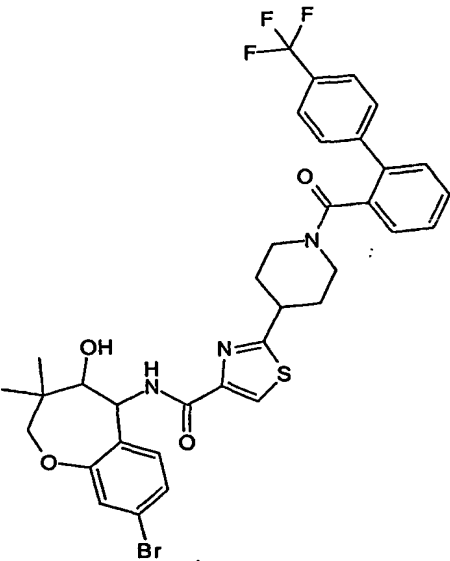
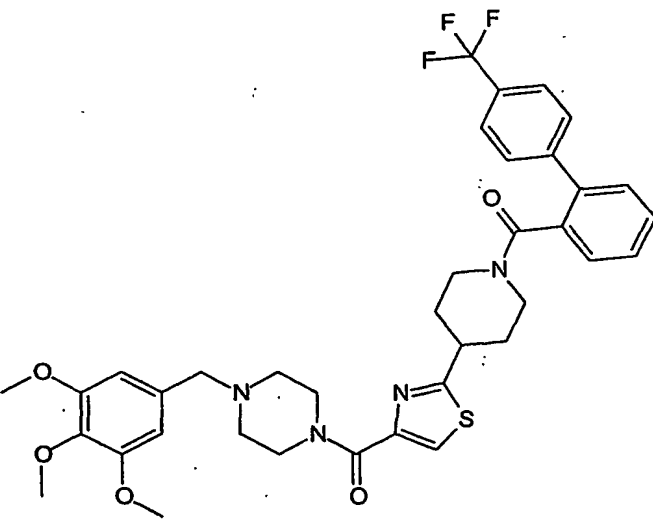


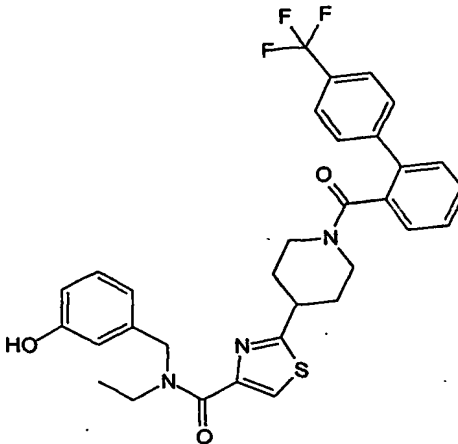
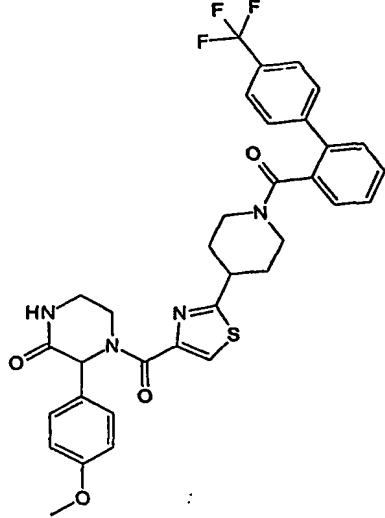
No.	FORMULA	NMR or mass
140	 <p>6-methyl-4a-phenyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]decahydro-1,6-naphthyridine</p>	
141	 <p>N-(2,6-dimethylphenyl)-2-(4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-1-yl)acetamide</p>	

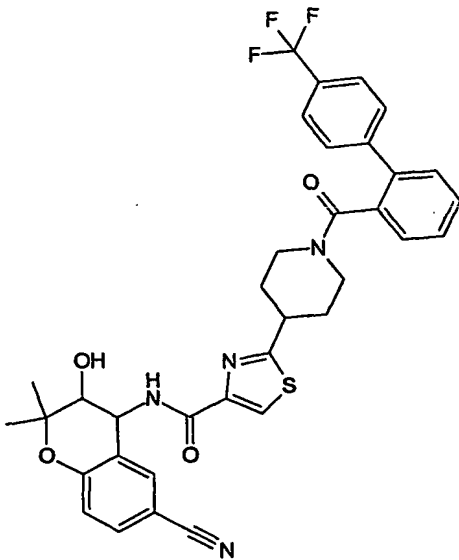
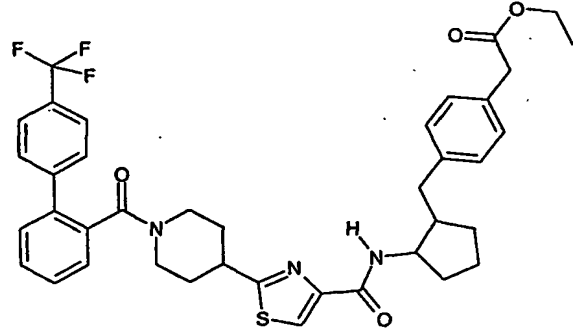
No.	FORMULA	NMR or mass
142	 <p>N-(2H-chromen-3-ylmethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
143	 <p>methyl 4-[2-({[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}amino)ethoxy]benzoate</p>	

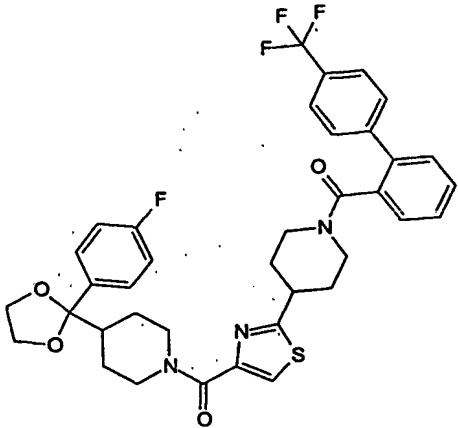
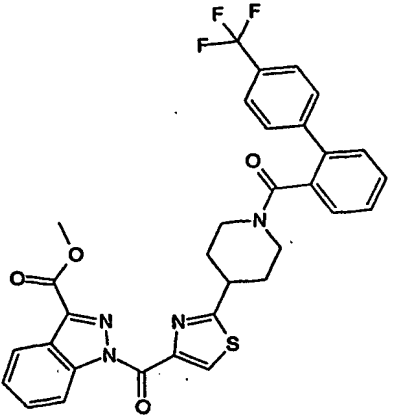
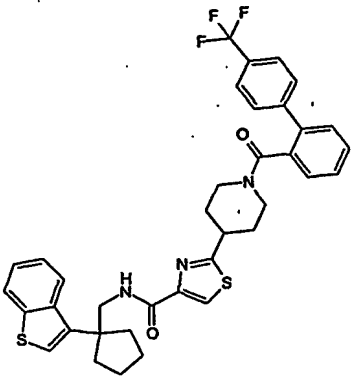
No.	FORMULA	NMR or mass
144	 <p data-bbox="289 919 1143 982">N-[[1-(1-benzofuran-3-yl)cyclopentyl]methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
145		

No.	FORMULA	NMR or mass
146	 <p data-bbox="289 915 1198 974">N-([1-(1-methyl-1H-indol-3-yl)cyclopentyl]methyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
147	 <p data-bbox="293 1633 1154 1692">N-(3,3-diphenylpropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

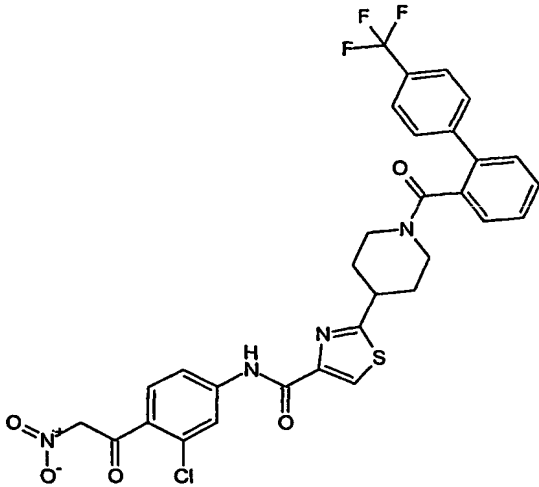
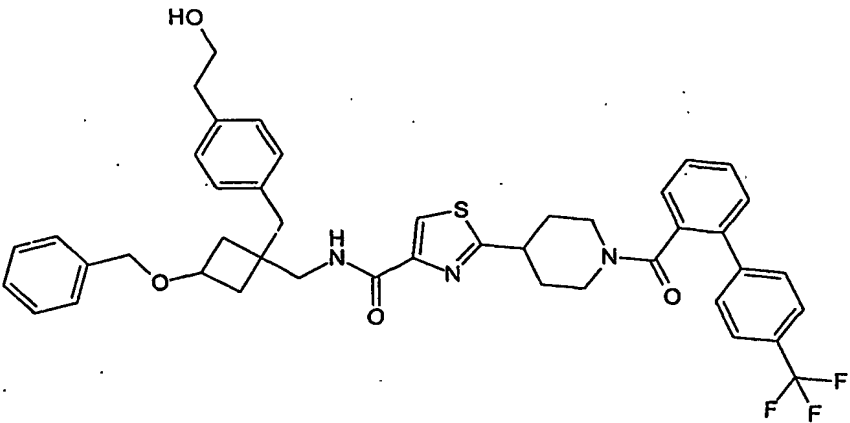
No.	FORMULA	NMR or mass
148	 <p data-bbox="284 955 1201 1050">N-(8-bromo-4-hydroxy-3,3-dimethyl-2,3,4,5-tetrahydro-1-benzoxepin-5-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
149	 <p data-bbox="284 1648 1201 1722">1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-4-(3,4,5-trimethoxybenzyl)piperazine</p>	

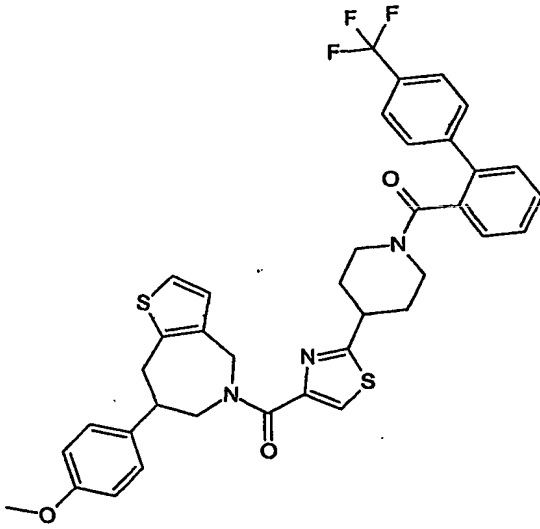
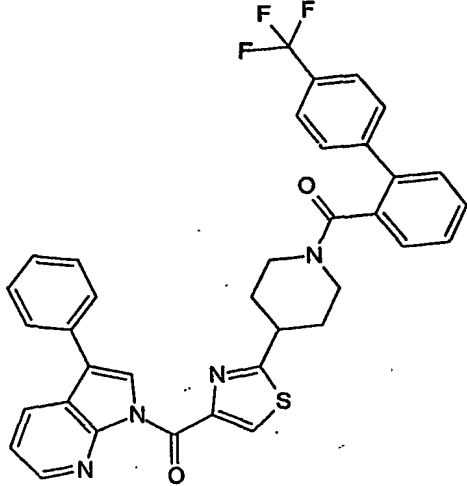
No.	FORMULA	NMR or mass
150	 <p data-bbox="289 871 1112 934">N-ethyl-N-(3-hydroxybenzyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
151	 <p data-bbox="295 1543 1177 1606">3-(4-methoxyphenyl)-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-2-one</p>	

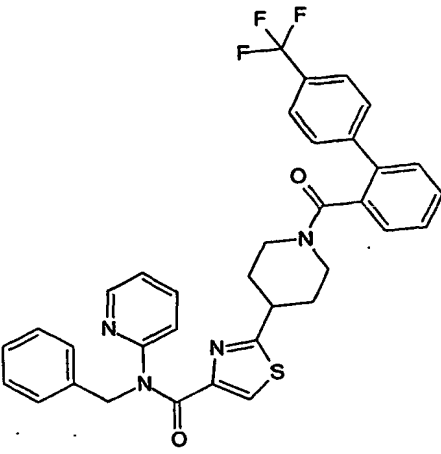
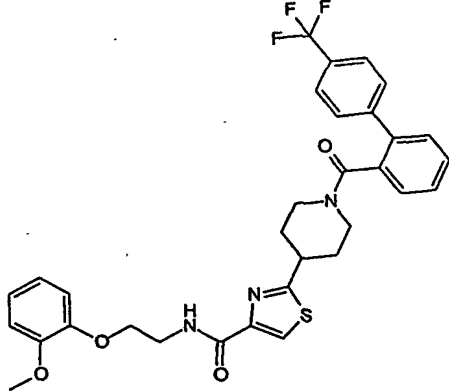
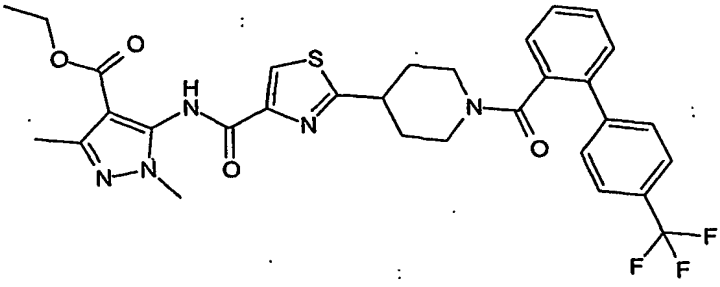
No.	FORMULA	NMR or mass
152	 <p data-bbox="292 976 1201 1071">N-(6-cyano-3-hydroxy-2,2-dimethyl-3,4-dihydro-2H-chromen-4-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
153		

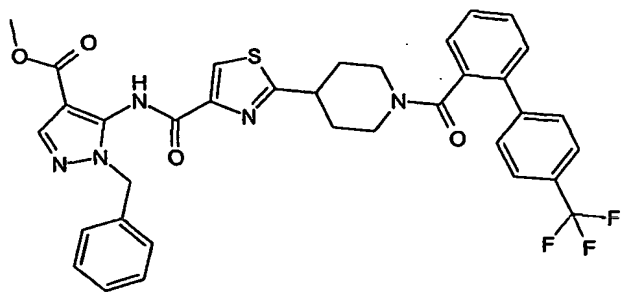
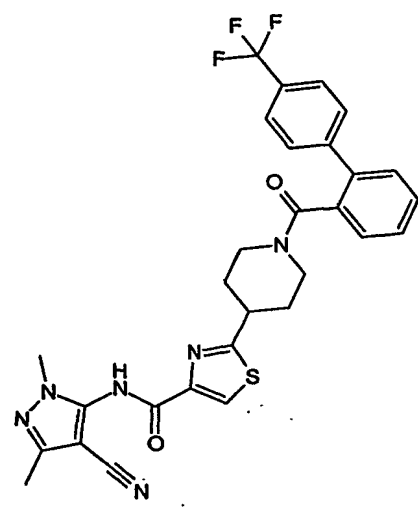
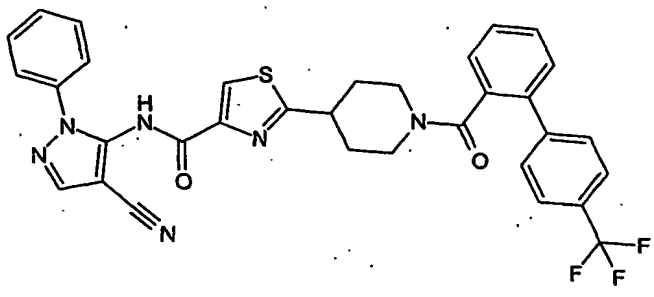
No.	FORMULA	NMR or mass
154		
155	 <p data-bbox="293 1297 1219 1360">methyl 1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1H-indazole-3-carboxylate</p>	
156	 <p data-bbox="293 1801 1144 1864">N-[[1-(1-benzothien-3-yl)cyclopentyl]methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

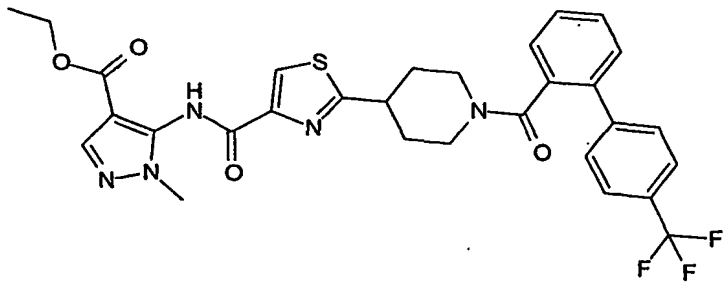
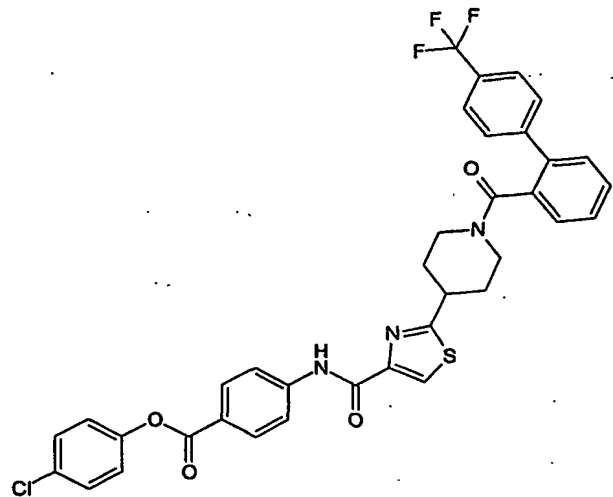
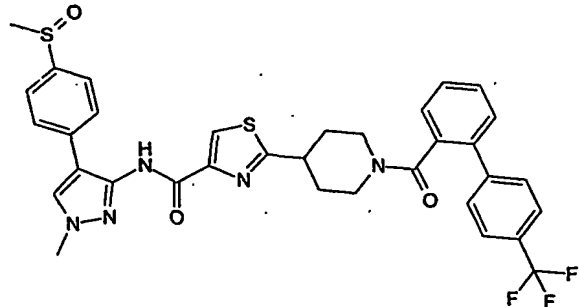


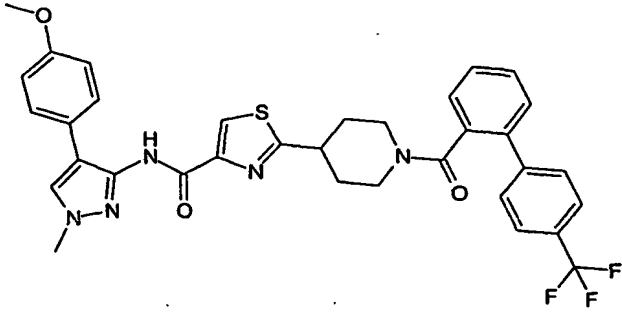
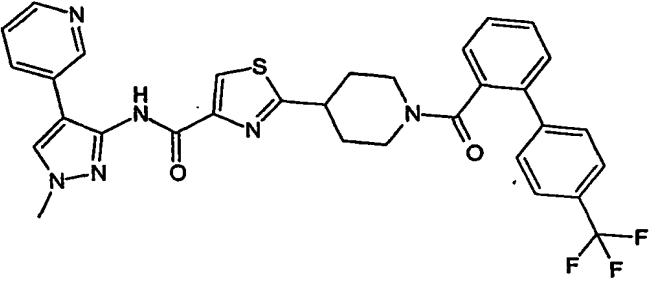
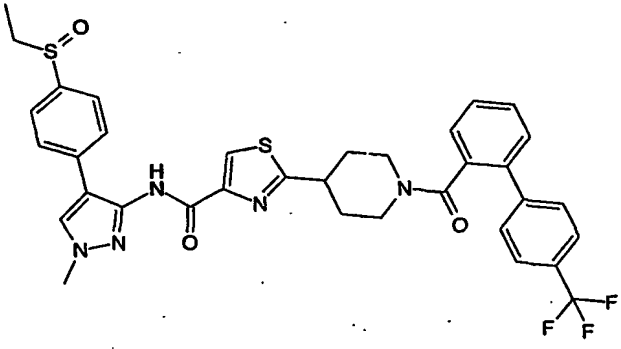
No.	FORMULA	NMR or mass
157	 <p data-bbox="292 903 1169 966">N-[3-chloro-4-(nitroacetyl)phenyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
158	 <p data-bbox="292 1491 1185 1585">N-({3-(benzyloxy)-1-[4-(2-hydroxyethyl)benzyl]cyclobutyl)methyl}-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

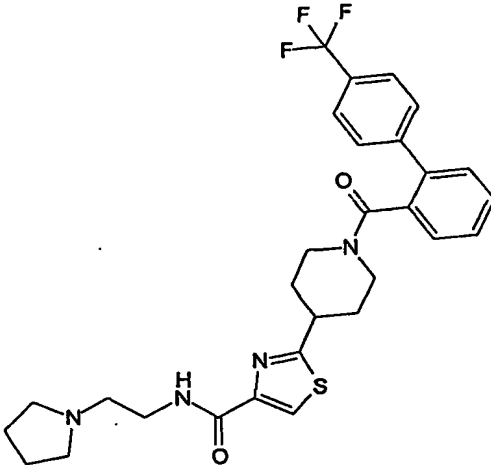
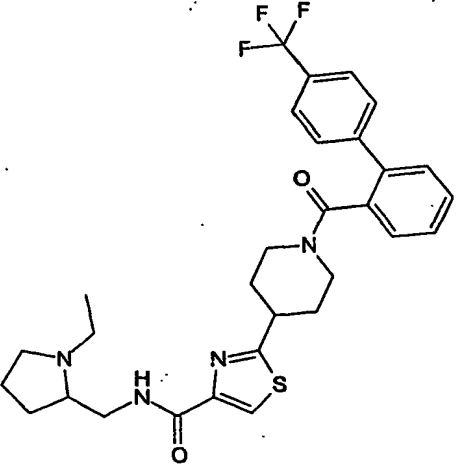
No.	FORMULA	NMR or mass
159	 <p data-bbox="298 953 1187 1041">7-(4-methoxyphenyl)-5-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-5,6,7,8-tetrahydro-4H-thieno[3,2-c]azepine</p>	
160	 <p data-bbox="305 1625 1211 1684">3-phenyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1H-pyrrolo[2,3-b]pyridine</p>	

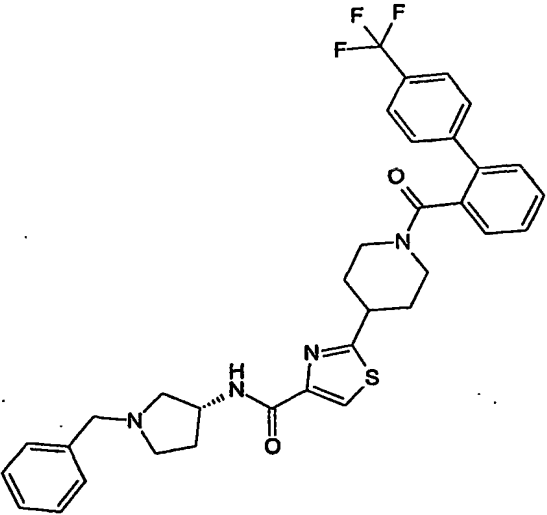
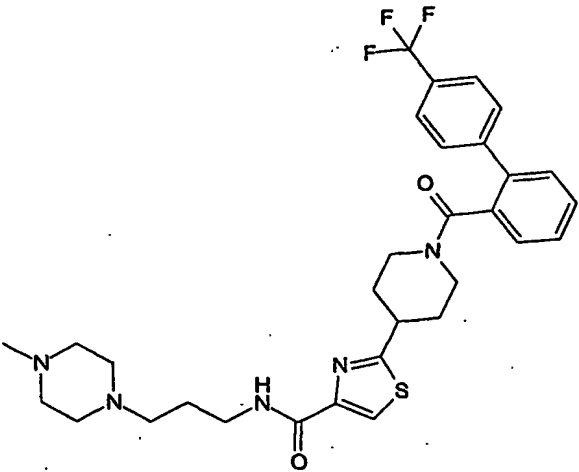
No.	FORMULA	NMR or mass
161	 <p data-bbox="292 871 1161 934">N-benzyl-N-pyridin-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
162	 <p data-bbox="292 1407 1153 1470">N-[2-(2-methoxyphenoxy)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
163		

No.	FORMULA	NMR or mass
164		
165	 <p data-bbox="300 1270 1209 1333">N-(4-cyano-1,3-dimethyl-1H-pyrazol-5-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
166		

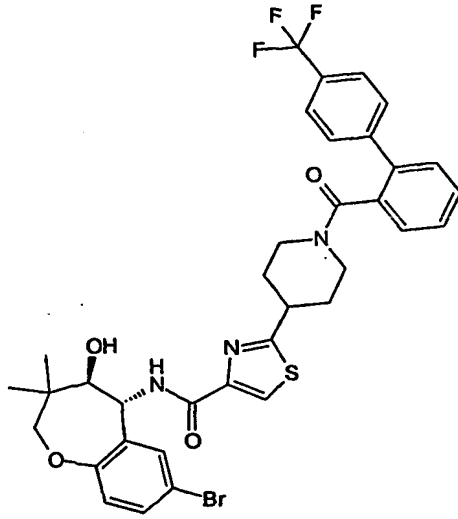
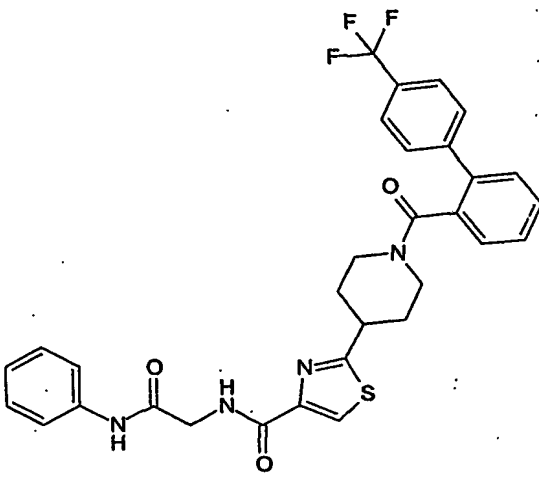
No.	FORMULA	NMR or mass
167		
168	 <p>4-chlorophenyl 4-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbamoyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbamoyl)amino)benzoate</p>	
169	 <p>N-(1-methyl-4-[4-(methylsulfinyl)phenyl]-1H-pyrazol-3-yl)-2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbamoyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

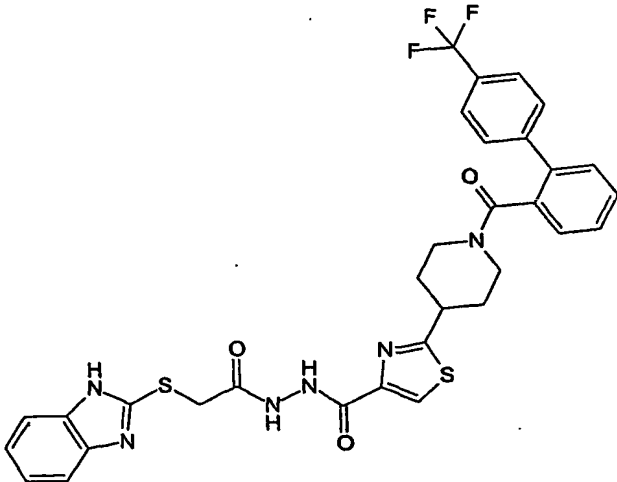
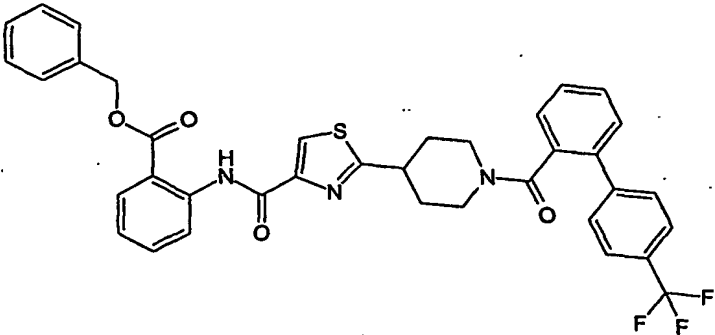
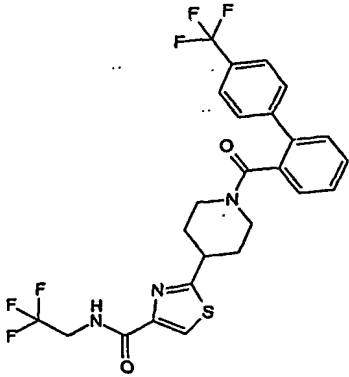
No.	FORMULA	NMR or mass
170	 <p data-bbox="292 693 1218 766">N-[4-(4-methoxyphenyl)-1-methyl-1H-pyrazol-3-yl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
171		
172		

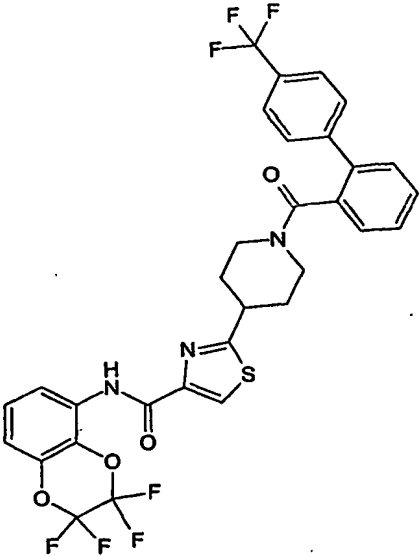
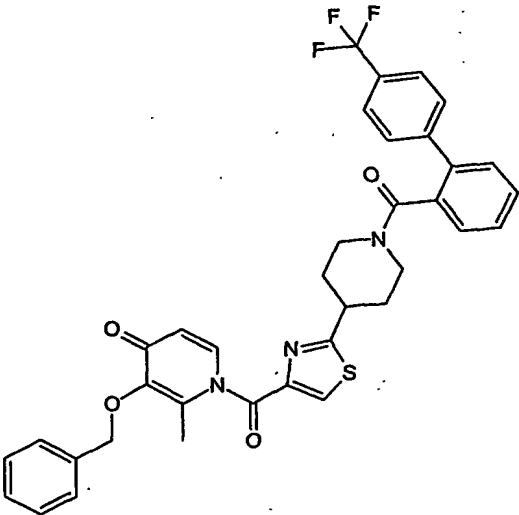
No.	FORMULA	NMR or mass
173	 <p>N-(2-pyrrolidin-1-ylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
174	 <p>N-[(1-ethylpyrrolidin-2-yl)methyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

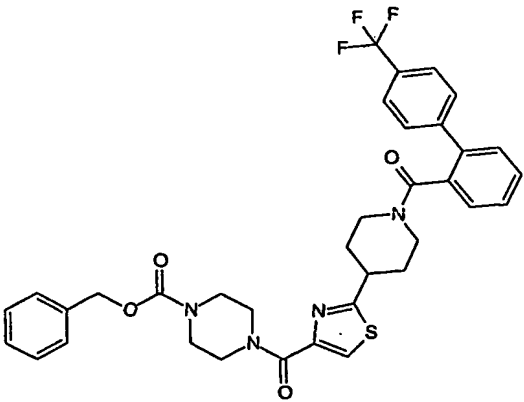
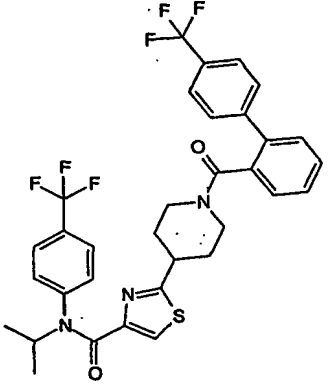
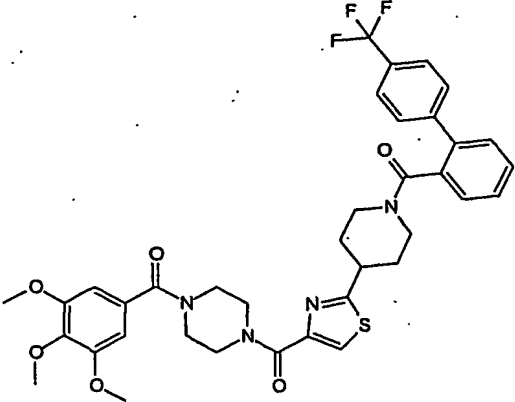
No.	FORMULA	NMR or mass
175	<p data-bbox="493 390 578 415">CHIRAL</p>  <p data-bbox="285 961 1138 1024">N-[(3R)-1-benzylpyrrolidin-3-yl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
176	 <p data-bbox="285 1591 1195 1654">N-[3-(4-methylpiperazin-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

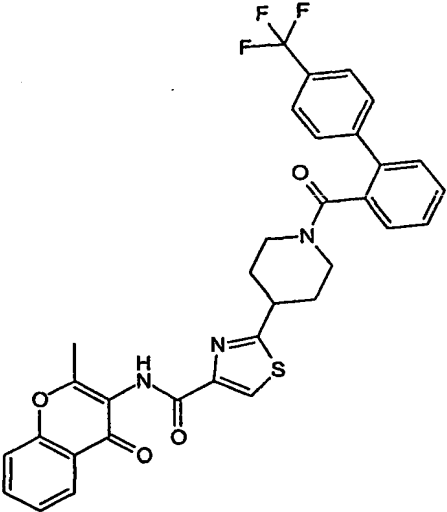
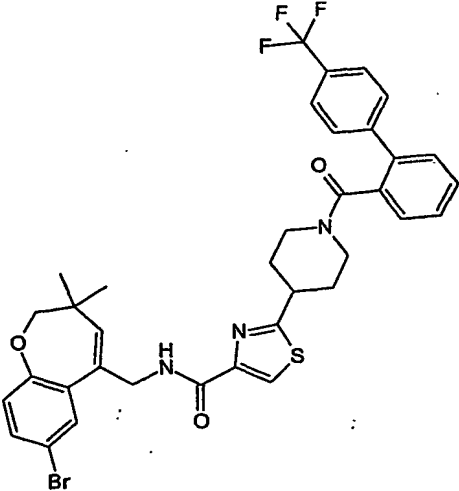


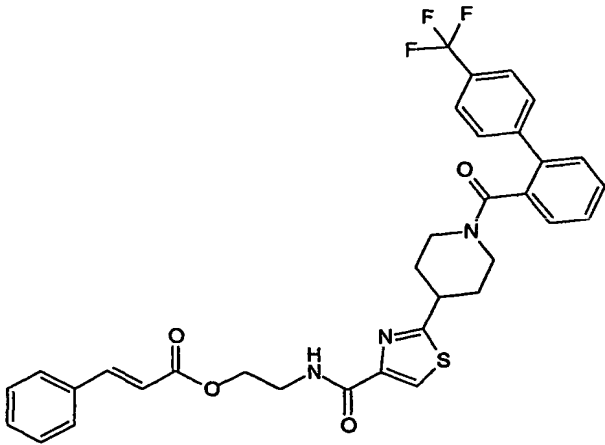
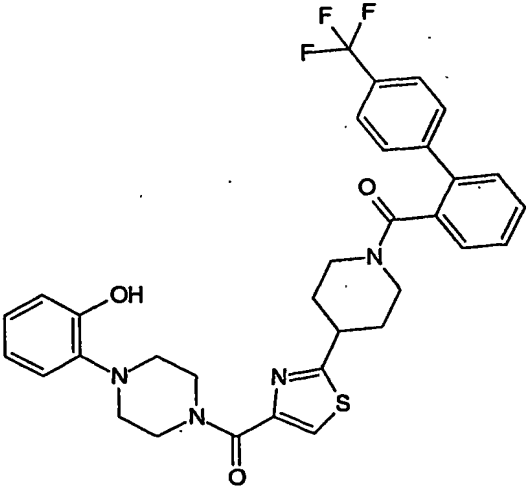
No.	FORMULA	NMR or mass
177	 <p data-bbox="292 934 1201 1029">N-[(4R,5R)-7-bromo-4-hydroxy-3,3-dimethyl-2,3,4,5-tetrahydro-1-benzoxepin-5-yl]-2-(1-[(4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
178		

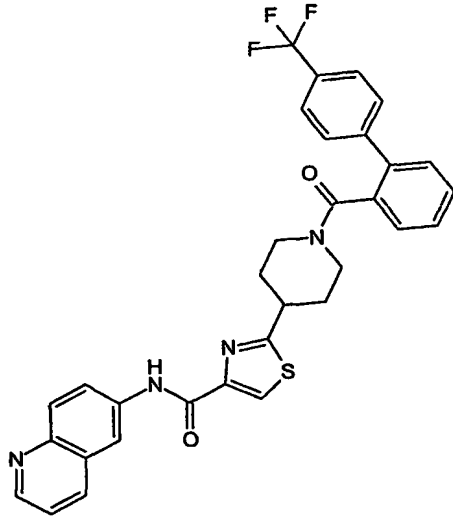
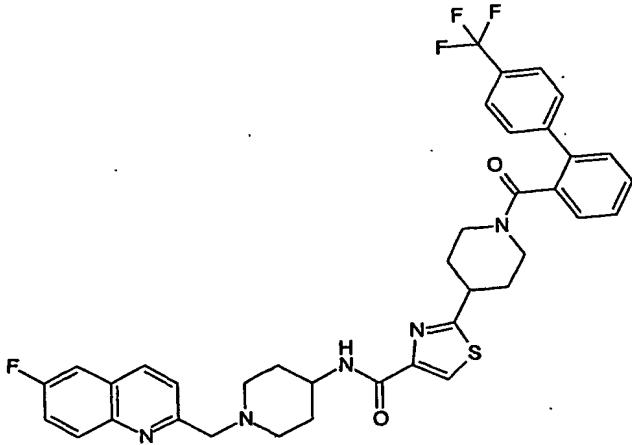
No.	FORMULA	NMR or mass
179	 <p>N'-[(1H-benzimidazol-2-ylthio)acetyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carbohydrazide</p>	
180		
181	 <p>N-(2,2,2-trifluoroethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

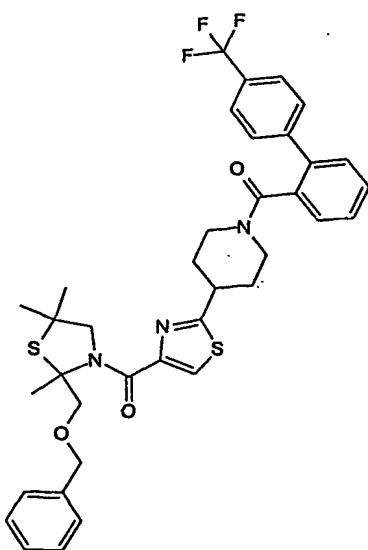
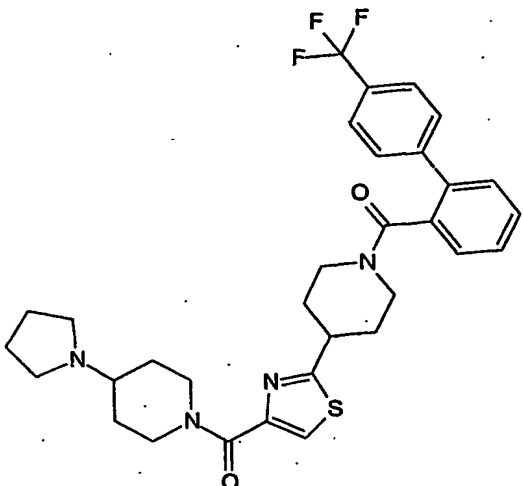
No.	FORMULA	NMR or mass
182	 <p data-bbox="297 978 1187 1037">N-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-5-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
183	 <p data-bbox="297 1625 1208 1684">3-(benzyloxy)-2-methyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)pyridin-4(1H)-one</p>	

No.	FORMULA	NMR or mass
184	 <p>benzyl 4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine-1-carboxylate</p>	
185	 <p>N-isopropyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-N-[4-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
186	 <p>4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-3,4,5-trimethoxybenzoate</p>	

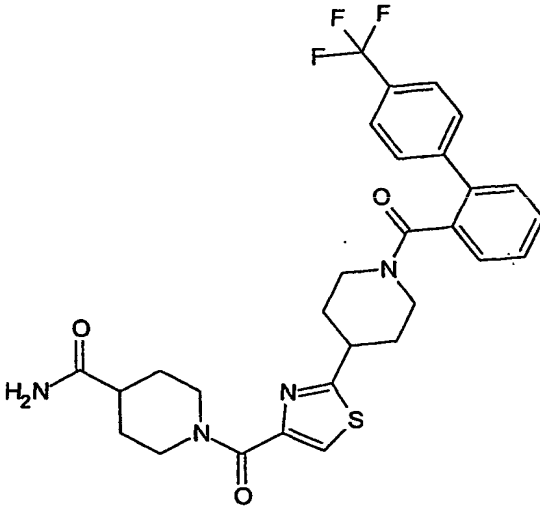
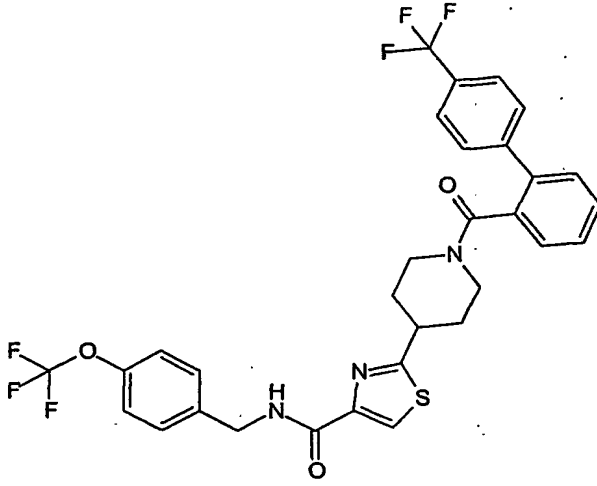
No.	FORMULA	NMR or mass
187	 <p data-bbox="302 936 1219 995">N-(2-methyl-4-oxo-4H-chromen-3-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
188	 <p data-bbox="302 1587 1195 1675">N-[(7-bromo-3,3-dimethyl-2,3-dihydro-1-benzoxepin-5-yl)methyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

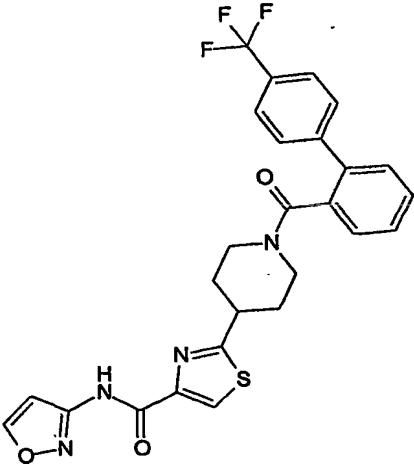
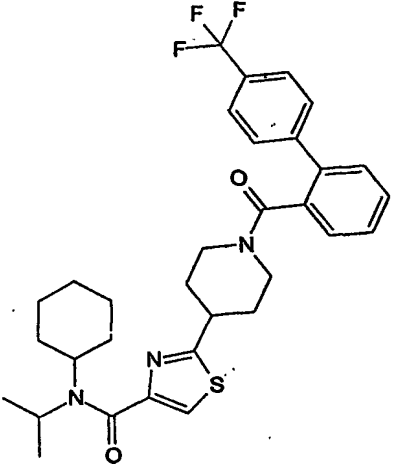
No.	FORMULA	NMR or mass
189	 <p data-bbox="292 850 1136 913">2-({[2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl}carbonyl)amino)ethyl (2E)-3-phenylacrylate</p>	
190	 <p data-bbox="292 1480 1169 1543">2-(4-({[2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl}carbonyl)piperazin-1-yl)phenol</p>	

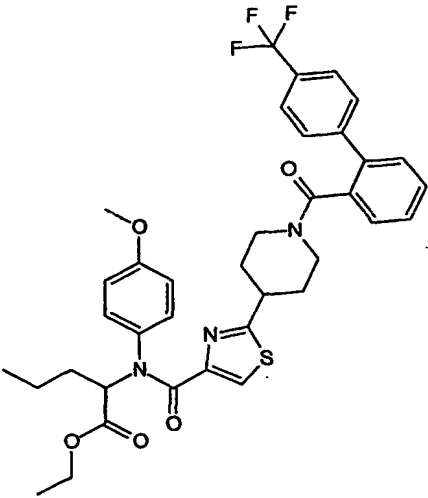
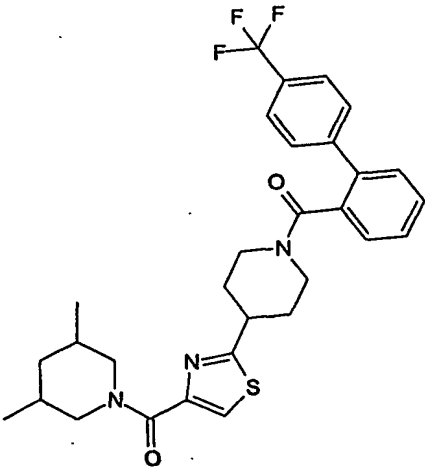
No.	FORMULA	NMR or mass
191	 <p data-bbox="297 934 1193 997">N-quinolin-6-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
192	 <p data-bbox="305 1564 1201 1627">N-{1-[(6-fluoroquinolin-2-yl)methyl]piperidin-4-yl}-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

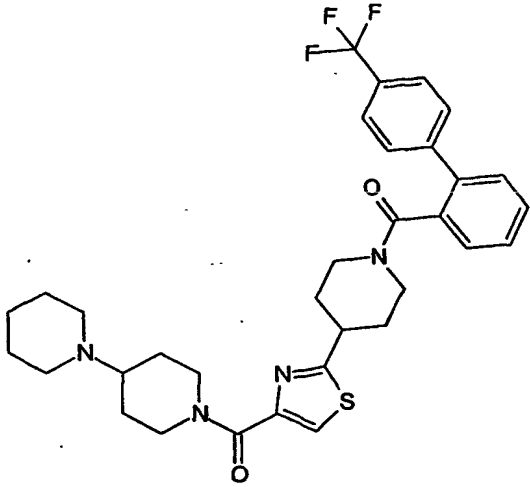
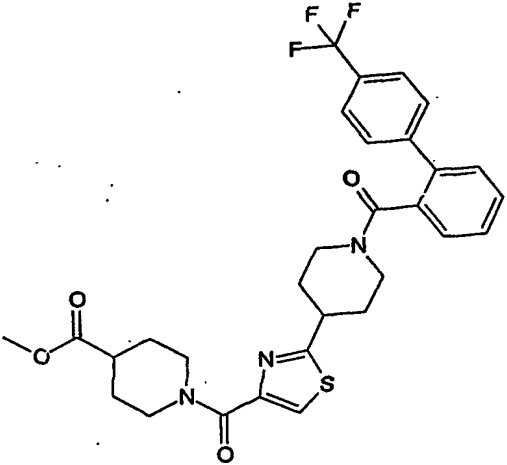
No.	FORMULA	NMR or mass
193	 <p data-bbox="284 955 1177 1018">4-[4-({2-[(benzyloxy)methyl]-2,5,5-trimethyl-1,3-thiazolidin-3-yl}carbonyl)-1,3-thiazol-2-yl]-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p>	
194	 <p data-bbox="284 1606 1209 1669">4-pyrrolidin-1-yl-1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperidine</p>	

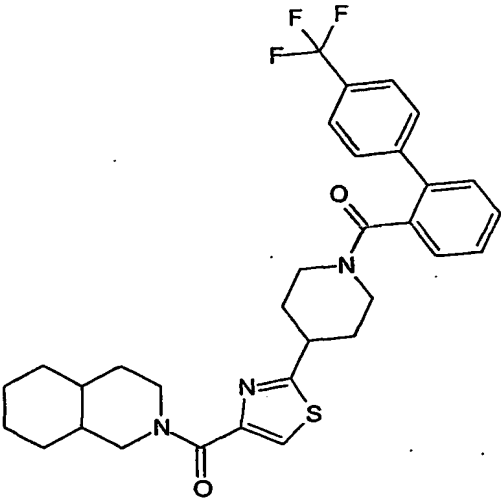
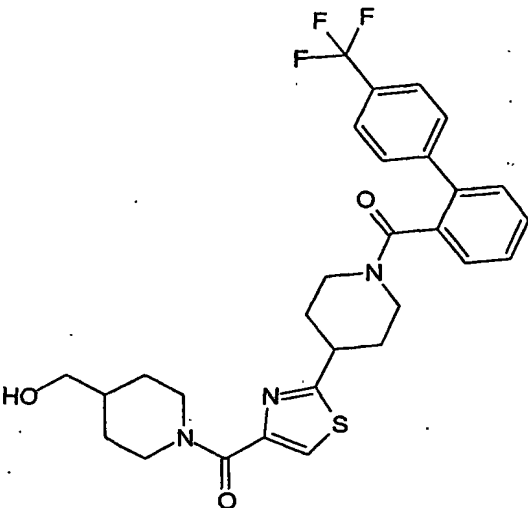


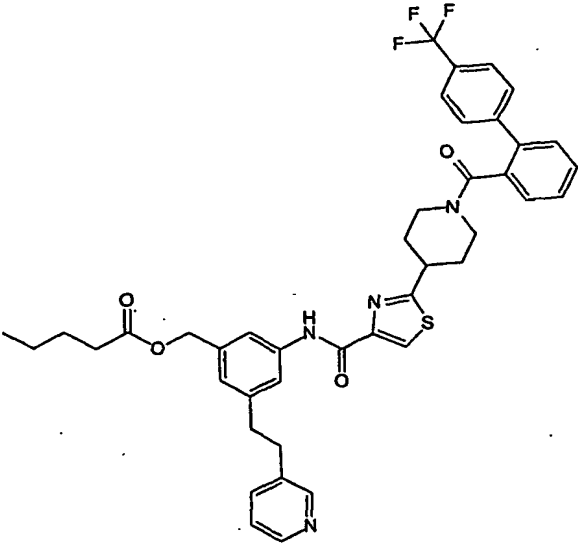
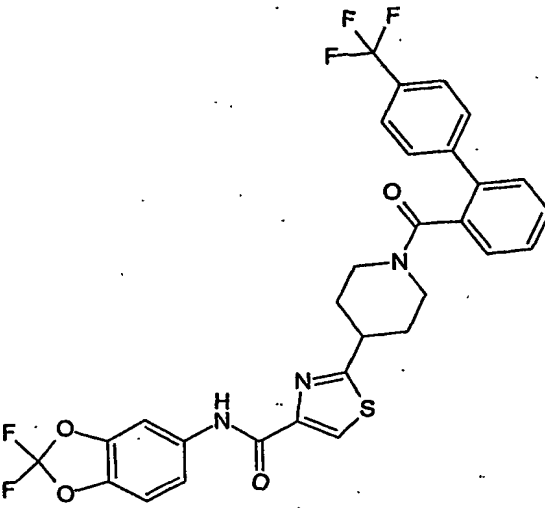
No.	FORMULA	NMR or mass
195	 <p data-bbox="300 934 1218 997">1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperidine-4-carboxamide</p>	
196	 <p data-bbox="300 1564 1136 1627">N-[4-(trifluoromethoxy)benzyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

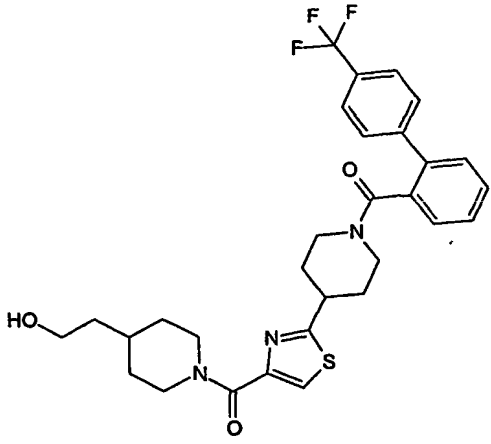
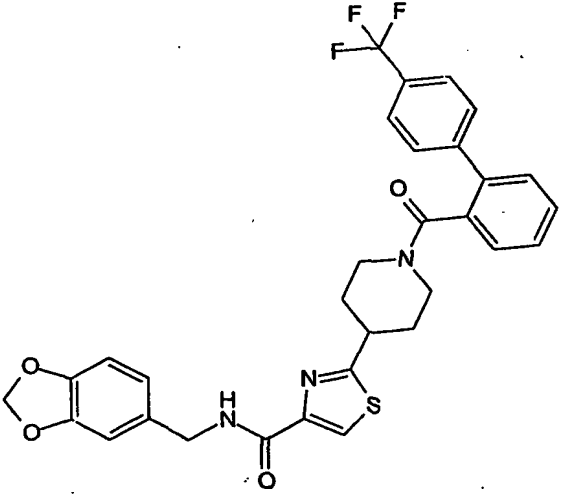
No.	FORMULA	NMR or mass
197	 <p data-bbox="298 890 1198 953">N-isoxazol-3-yl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
198	 <p data-bbox="305 1520 1195 1583">N-cyclohexyl-N-isopropyl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

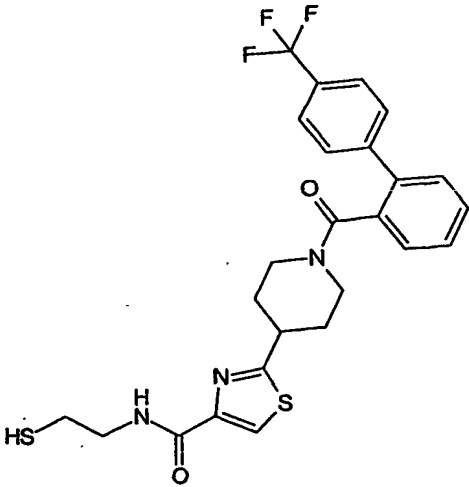
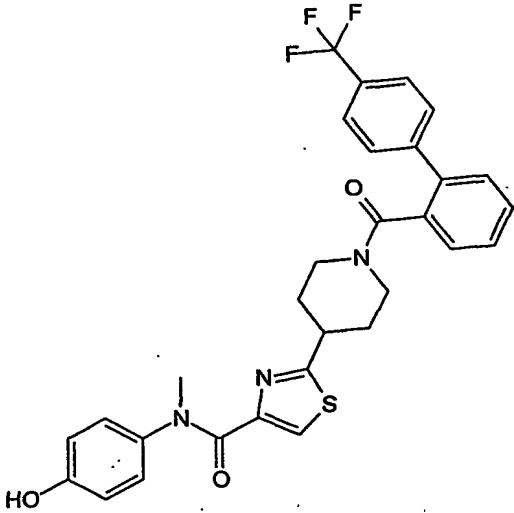
No.	FORMULA	NMR or mass
199	 <p>ethyl N-(4-methoxyphenyl)-N-{2-[1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}norvalinate</p>	
200	 <p>3,5-dimethyl-1-{[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidine</p>	

No.	FORMULA	NMR or mass
201	 <p>1'-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,4'-bipiperidine</p>	
202	 <p>methyl 1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidine-4-carboxylate</p>	

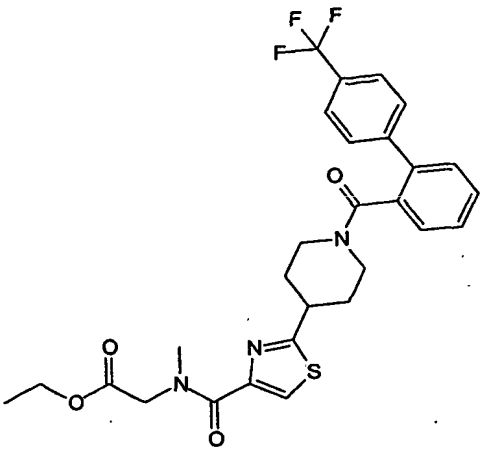
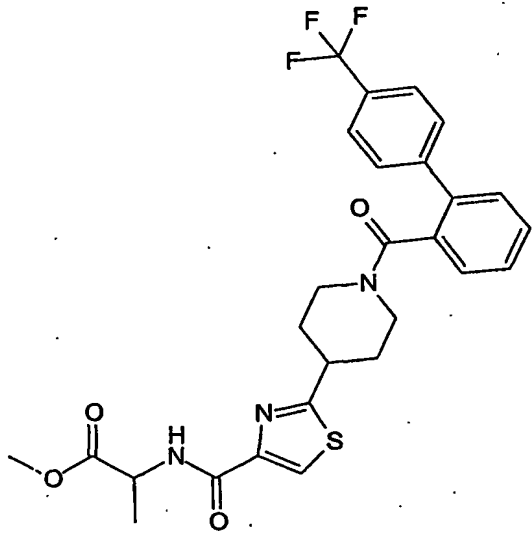
No.	FORMULA	NMR or mass
203	 <p>2-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)decahydroisoquinoline</p>	
204	 <p>(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-yl)methanol</p>	

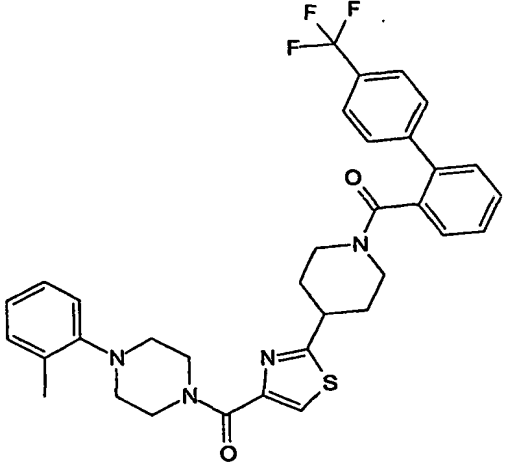
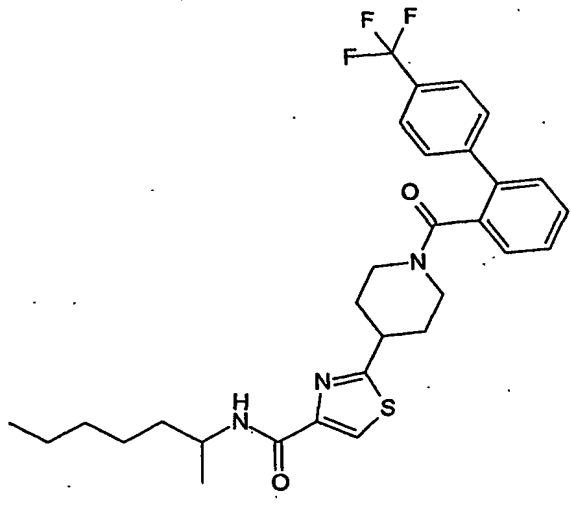
No.	FORMULA	NMR or mass
205	 <p data-bbox="282 982 1188 1045">3-(2-pyridin-3-ylethyl)-5-({[2-(1-{{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}amino)benzyl pentanoate</p>	
206	 <p data-bbox="289 1680 1205 1743">N-(2,2-difluoro-1,3-benzodioxol-5-yl)-2-(1-{{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

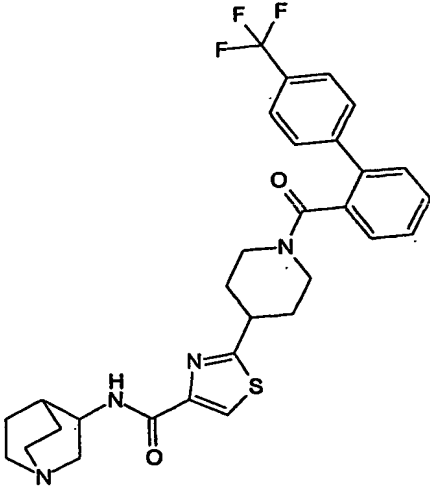
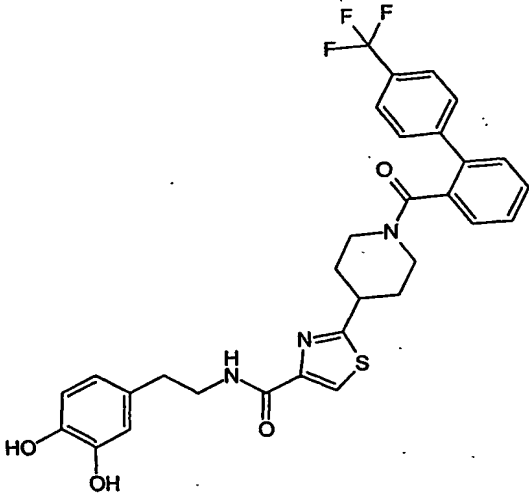
No.	FORMULA	NMR or mass
207	 <p data-bbox="297 877 1166 940">2-(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-yl)ethanol</p>	
208	 <p data-bbox="297 1528 1157 1591">N-(1,3-benzodioxol-5-ylmethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

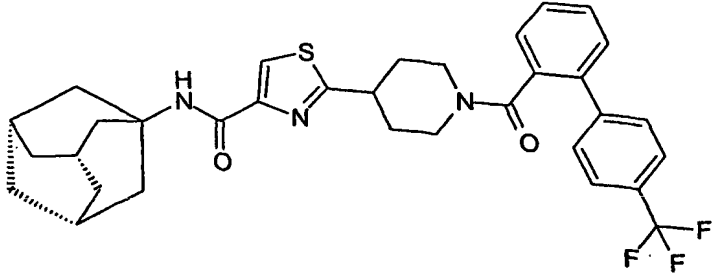
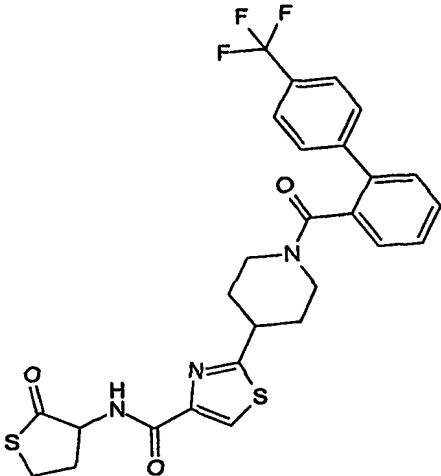
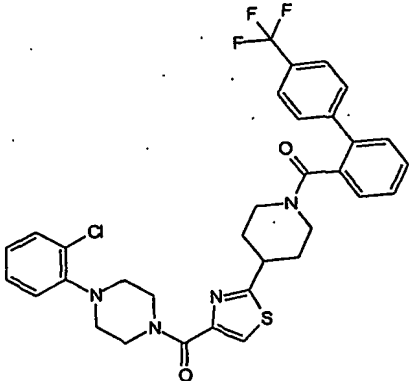
No.	FORMULA	NMR or mass
209	 <p>N-(2-mercaptoethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
210	 <p>N-(4-hydroxyphenyl)-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

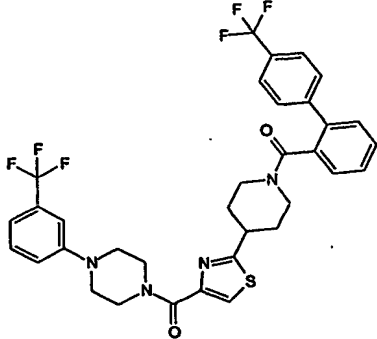
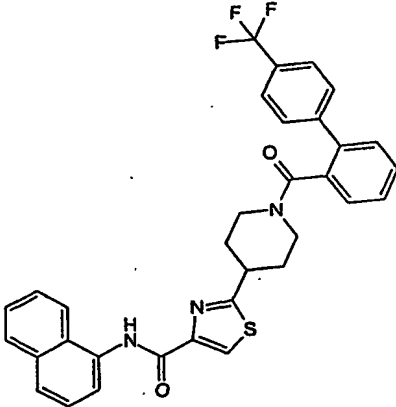
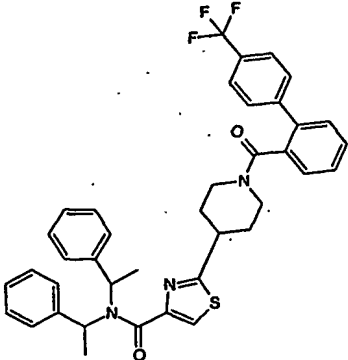


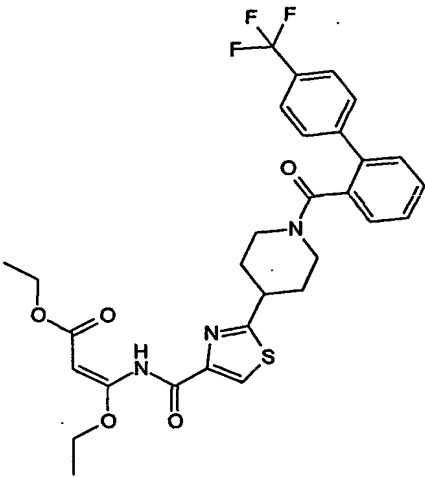
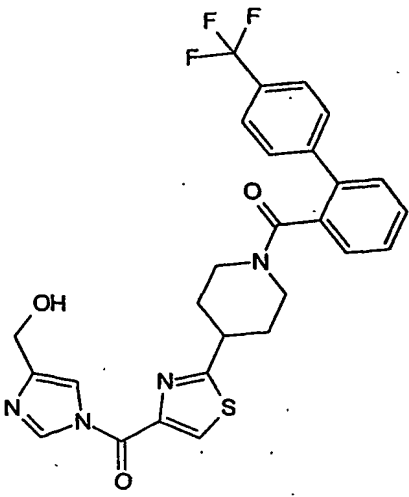
No.	FORMULA	NMR or mass
211	 <p>ethyl N-methyl-N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycinate</p>	
212	 <p>methyl N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}alaninate</p>	

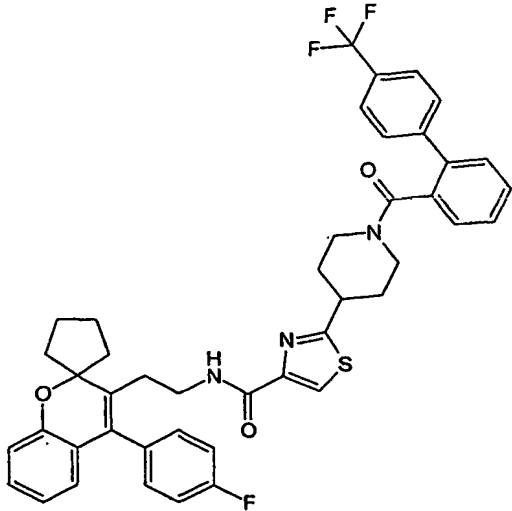
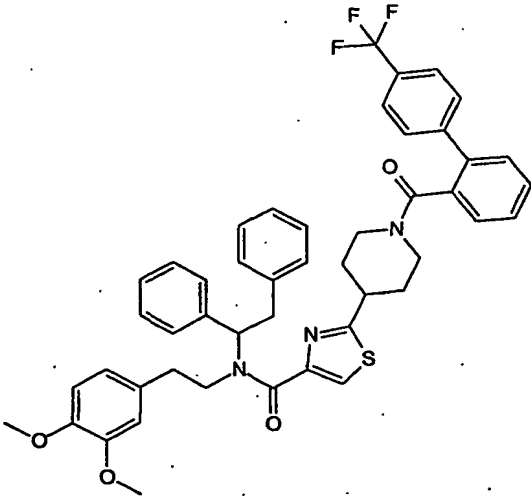
No.	FORMULA	NMR or mass
213	 <p>1-(2-methylphenyl)-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine</p>	
214	 <p>N-(1-methylhexyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

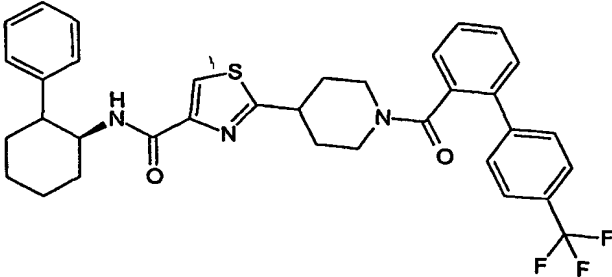
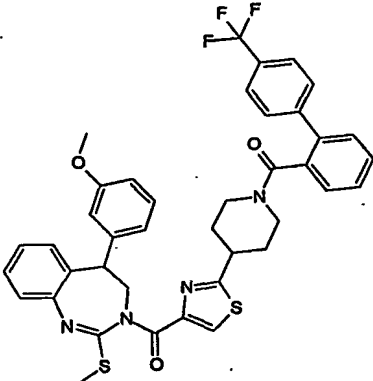
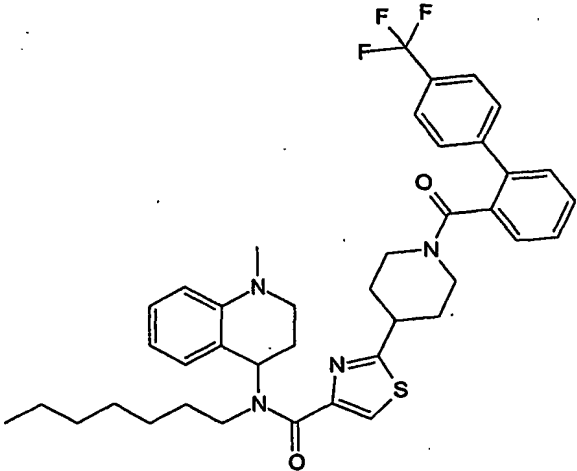
No.	FORMULA	NMR or mass
215	 <p data-bbox="298 911 1122 968">N-1-azabicyclo[2.2.2]oct-3-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
216	 <p data-bbox="302 1539 1166 1596">N-[2-(3,4-dihydroxyphenyl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
217	 <p data-bbox="289 680 1094 743">N-[(3s,5s,7s)-1-adamantyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
218	 <p data-bbox="289 1299 1127 1362">N-(2-oxotetrahydro-3-thienyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
219	 <p data-bbox="298 1835 1143 1894">1-(2-chlorophenyl)-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p>	

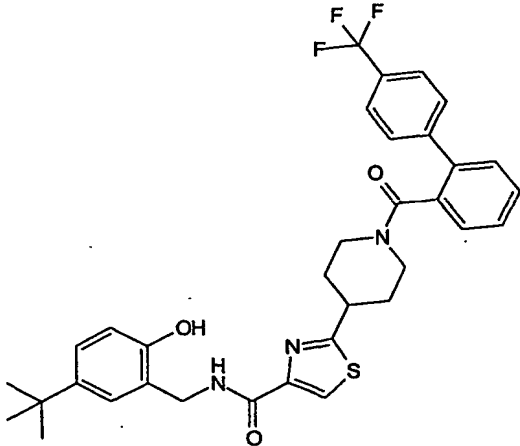
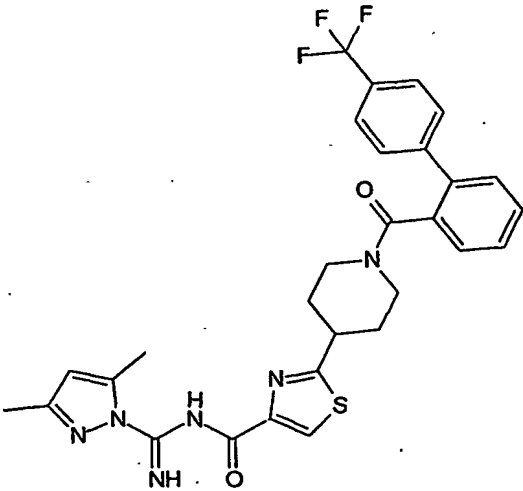
No.	FORMULA	NMR or mass
220	 <p data-bbox="298 737 1221 800">1-{{2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl}carbonyl}-4-[3-(trifluoromethyl)phenyl]piperazine</p>	
221	 <p data-bbox="298 1297 1221 1360">N-1-naphthyl-2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
222	 <p data-bbox="298 1776 1221 1839">N,N-bis(1-phenylethyl)-2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

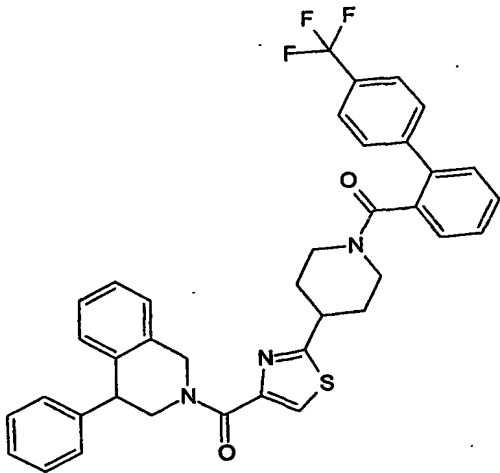
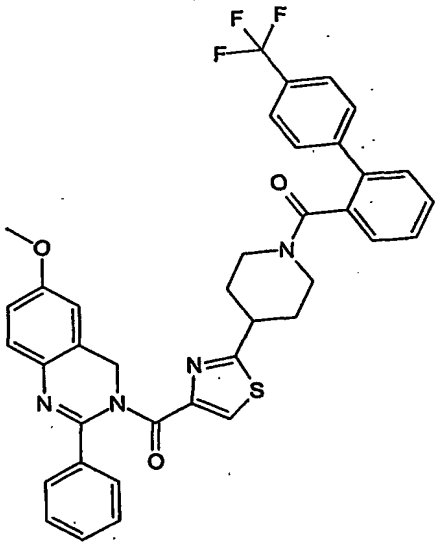
No.	FORMULA	NMR or mass
223	 <p>ethyl (2E)-3-ethoxy-3-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)amino)acrylate</p>	
224	 <p>(1-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)-1H-imidazol-4-yl)methanol</p>	

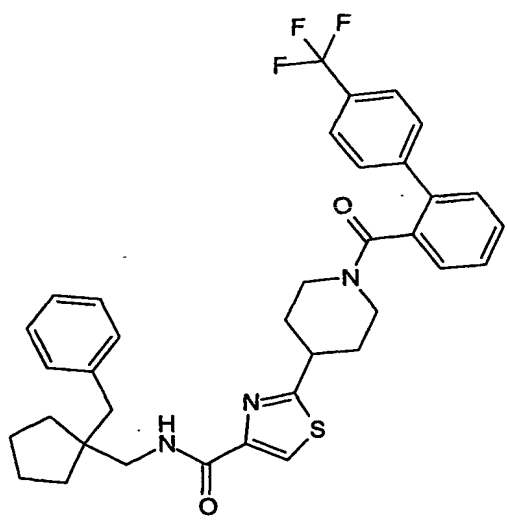
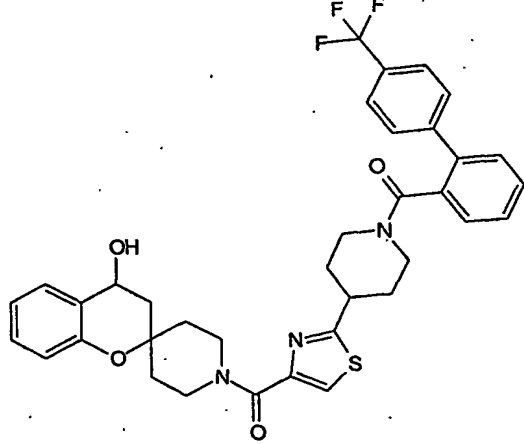
No.	FORMULA	NMR or mass
225	 <p data-bbox="289 932 1179 1020">N-{2-[4-(4-fluorophenyl)spiro[chromene-2,1'-cyclopentan]-3-yl]ethyl}-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
226	 <p data-bbox="289 1629 1179 1692">N-[2-(3,4-dimethoxyphenyl)ethyl]-N-(1,2-diphenylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

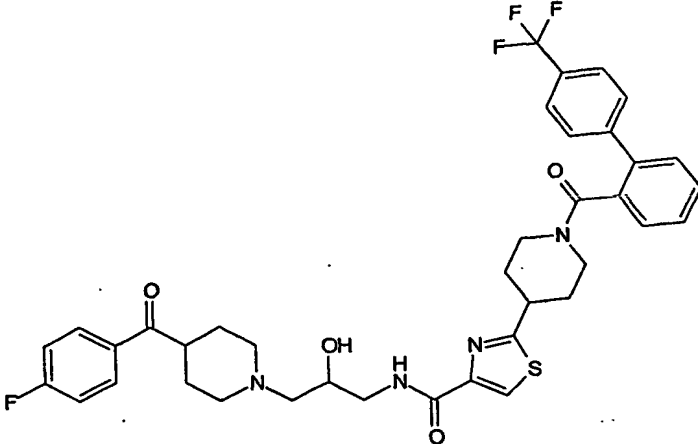
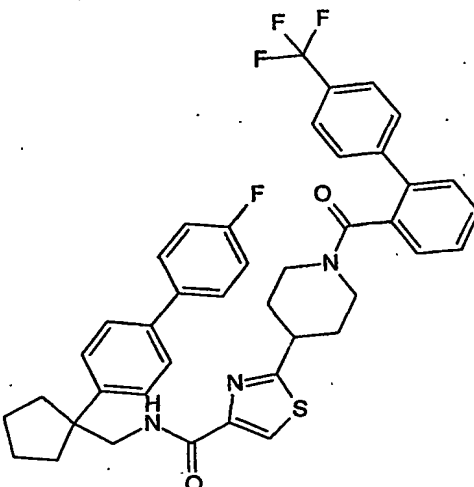
No.	FORMULA	NMR or mass
227		
228	 <p>5-(3-methoxyphenyl)-2-(methylthio)-3-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-4,5-dihydro-3H-1,3-benzodiazepine</p>	
229	 <p>N-heptyl-N-(1-methyl-1,2,3,4-tetrahydroquinolin-4-yl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

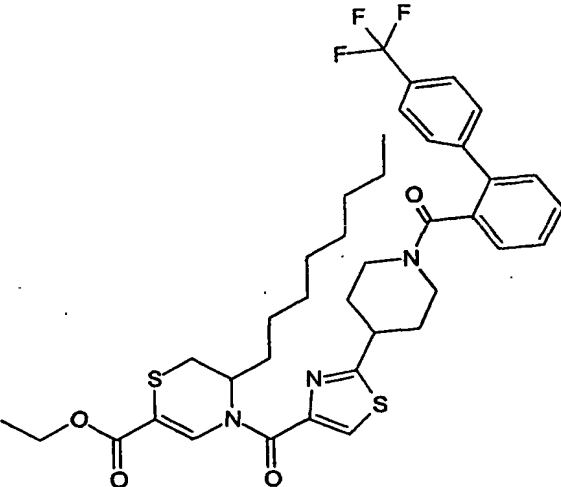
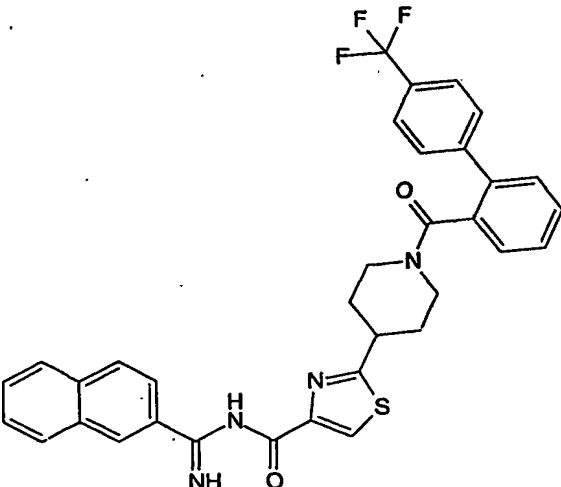


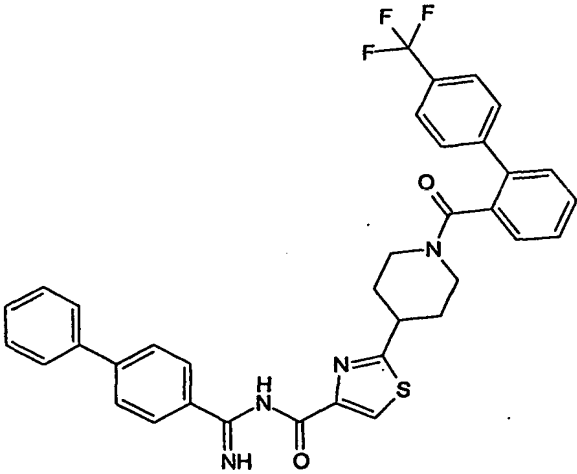
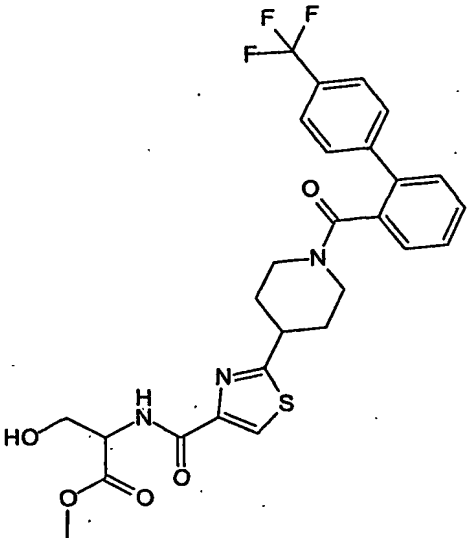
No.	FORMULA	NMR or mass
230	 <p data-bbox="298 873 1159 932">N-(5-tert-butyl-2-hydroxybenzyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
231	 <p data-bbox="302 1549 1182 1608">N-[(3,5-dimethyl-1H-pyrazol-1-yl)(imino)methyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

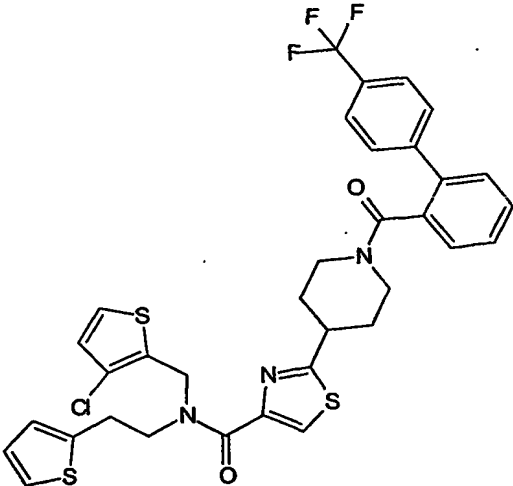
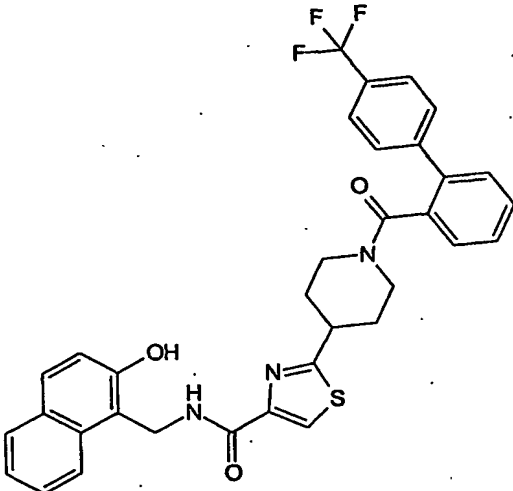
No.	FORMULA	NMR or mass
232	 <p>4-phenyl-2-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1,2,3,4-tetrahydroisoquinoline</p>	
233	 <p>6-methoxy-2-phenyl-3-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-3,4-dihydroquinazoline</p>	

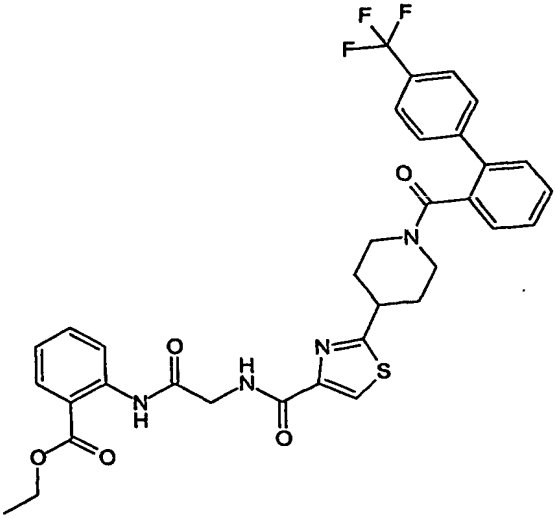
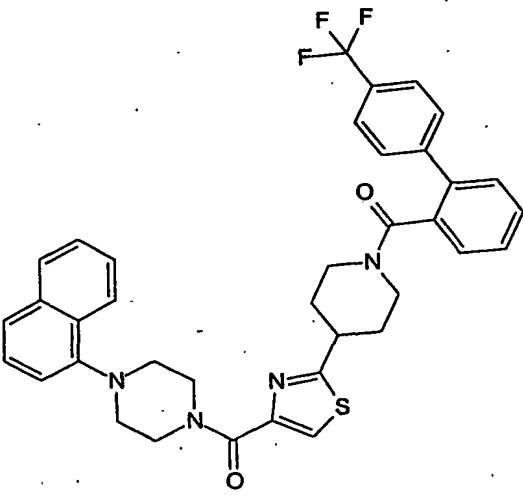
No.	FORMULA	NMR or mass
234	 <p data-bbox="289 934 1153 997">N-[(1-benzylcyclopentyl)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
235	 <p data-bbox="292 1543 1136 1606">1'-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-3,4-dihydrospiro[chromene-2,4'-piperidin]-4-ol</p>	

No.	FORMULA	NMR or mass
236	 <p data-bbox="289 871 1193 934">N-{3-[4-(4-fluorobenzoyl)piperidin-1-yl]-2-hydroxypropyl}-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
237	 <p data-bbox="297 1575 1185 1638">N-[[1-(4'-fluorobiphenyl-4-yl)cyclopentyl]methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

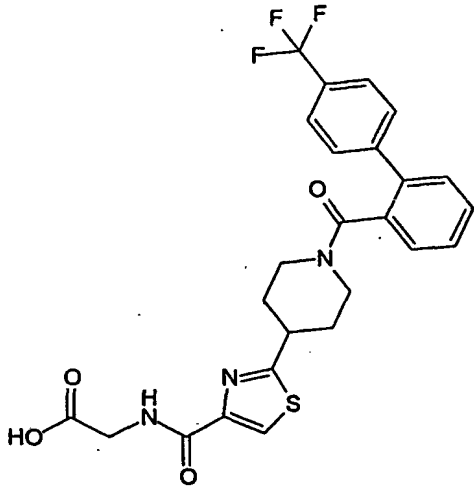
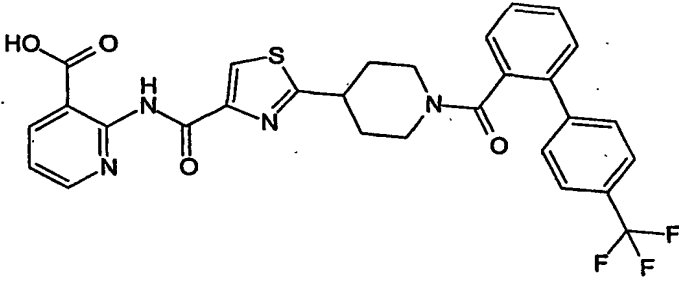
No.	FORMULA	NMR or mass
238	 <p data-bbox="293 905 1203 968">ethyl 3-octyl-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-3,4-dihydro-2H-1,4-thiazine-6-carboxylate</p>	
239	 <p data-bbox="302 1598 1114 1661">N-[imino(2-naphthyl)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

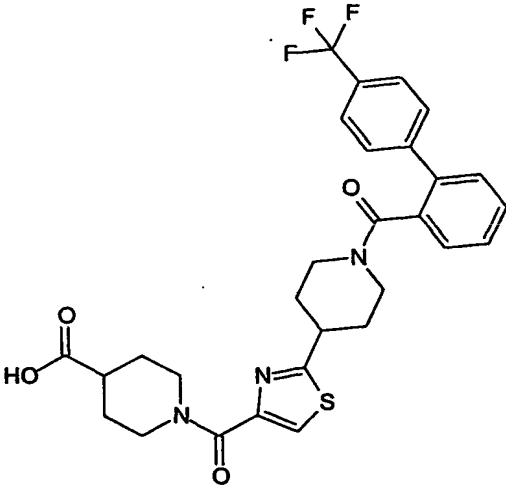
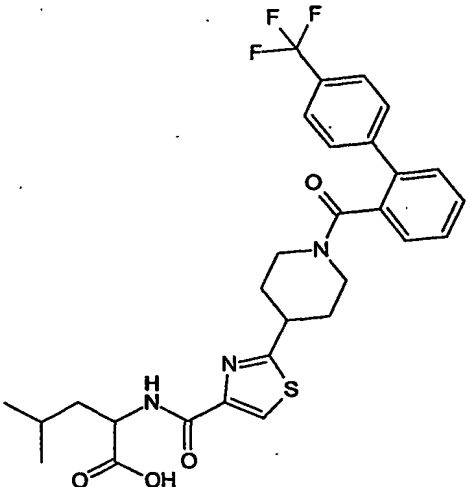
No.	FORMULA	NMR or mass
240	 <p data-bbox="300 919 1140 982">N-[biphenyl-4-yl(imino)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
241	 <p data-bbox="305 1617 1182 1680">methyl N-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]serinate</p>	

No.	FORMULA	NMR or mass
242	 <p data-bbox="293 909 1170 972">N-[(3-chloro-2-thienyl)methyl]-N-[2-(2-thienyl)ethyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
243	 <p data-bbox="305 1629 1179 1692">N-[(2-hydroxy-1-naphthyl)methyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

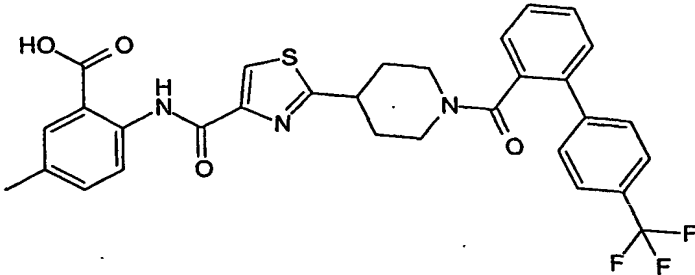
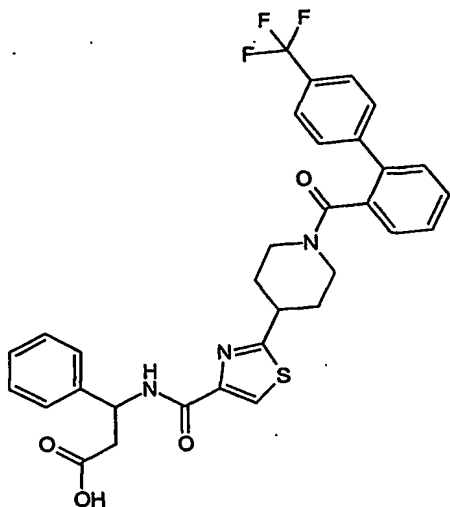
No.	FORMULA	NMR or mass
244	 <p>ethyl 2-[(N-([2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)glycyl]amino]benzoate</p>	
245	 <p>1-(1-naphthyl)-4-[[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl]piperazine</p>	

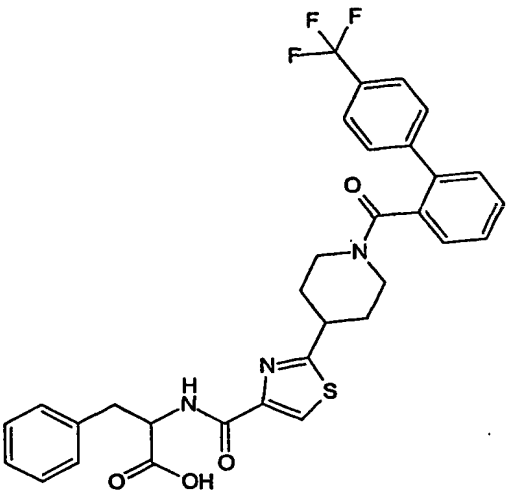
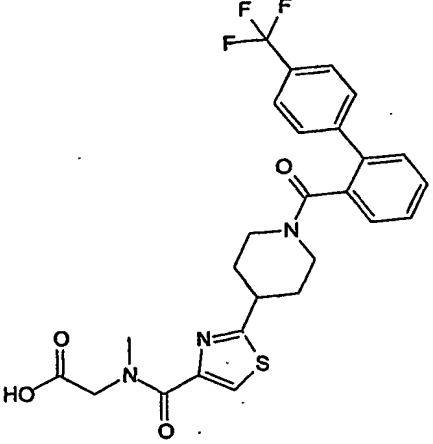


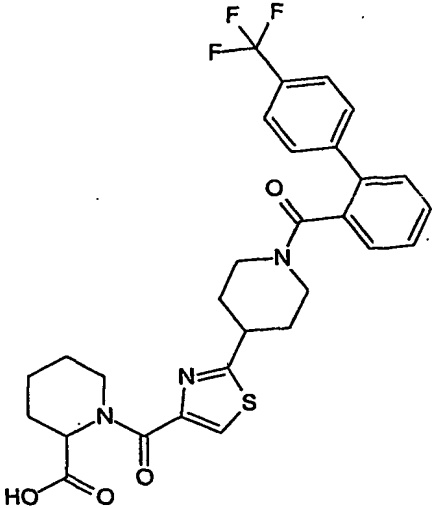
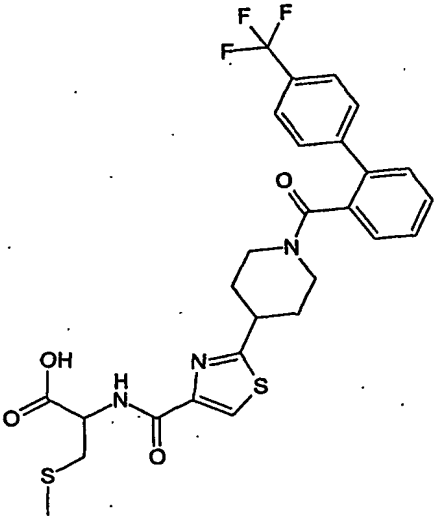
No.	FORMULA	NMR or mass
246	 <p data-bbox="289 909 1128 972">N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)glycine</p>	
247		

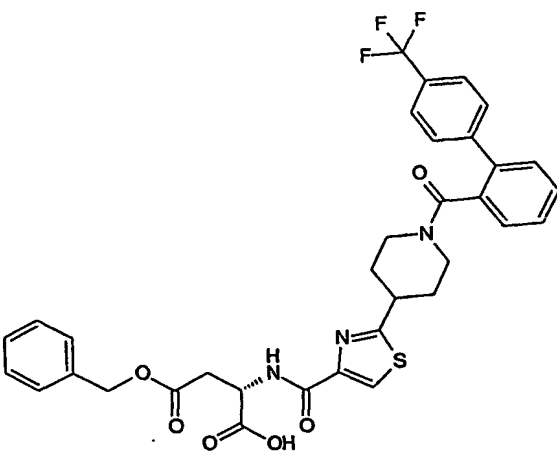
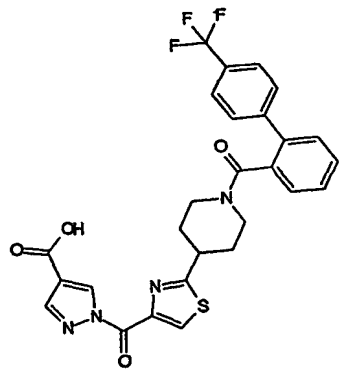
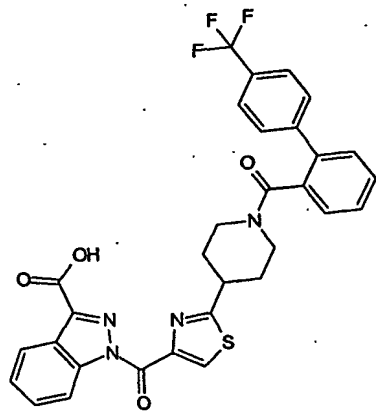
No.	FORMULA	NMR or mass
248	 <p>1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine-4-carboxylic acid</p>	
249	 <p>N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)leucine</p>	

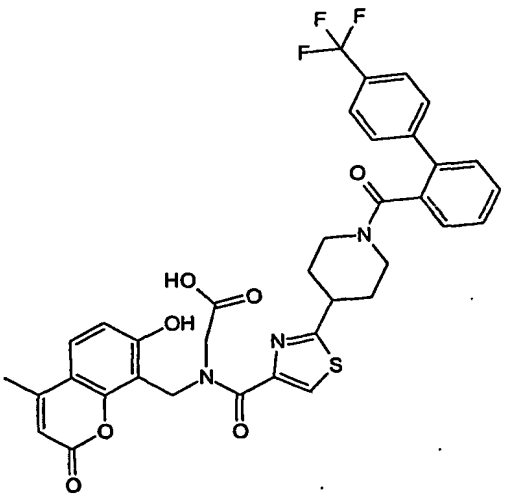
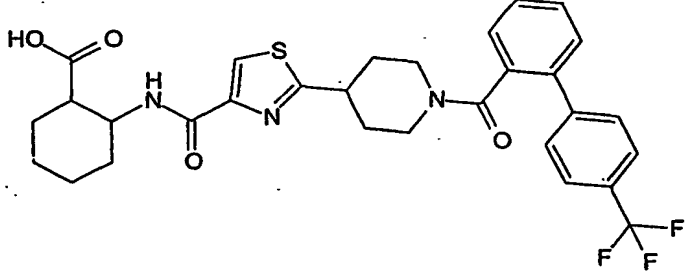
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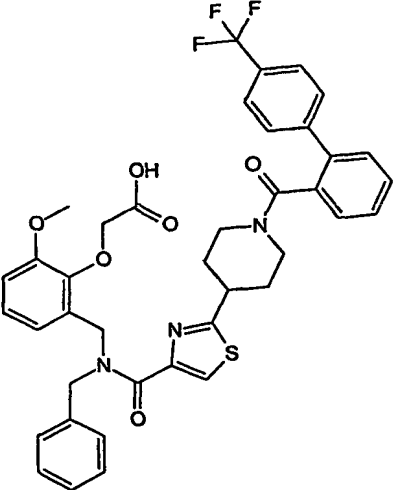
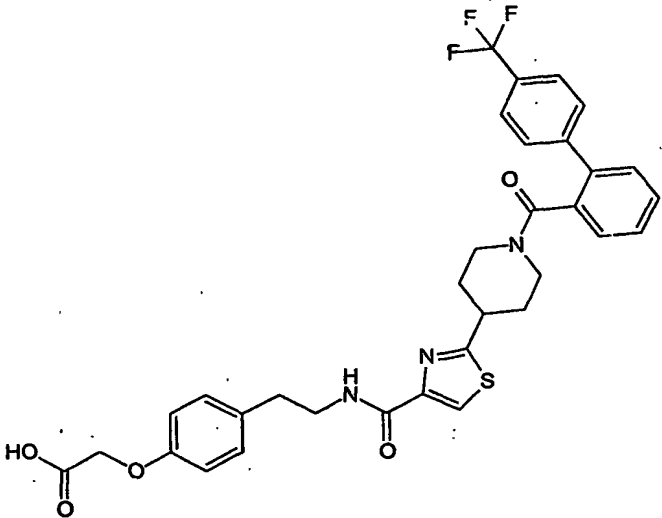
No.	FORMULA	NMR or mass
250		
251	 <p data-bbox="292 1312 1209 1375">3-phenyl-3-({[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl)amino)propanoic acid</p>	

No.	FORMULA	NMR or mass
252	 <p data-bbox="289 903 1128 966">N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]phenylalanine</p>	
253	 <p data-bbox="292 1533 1201 1596">N-methyl-N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]glycine</p>	

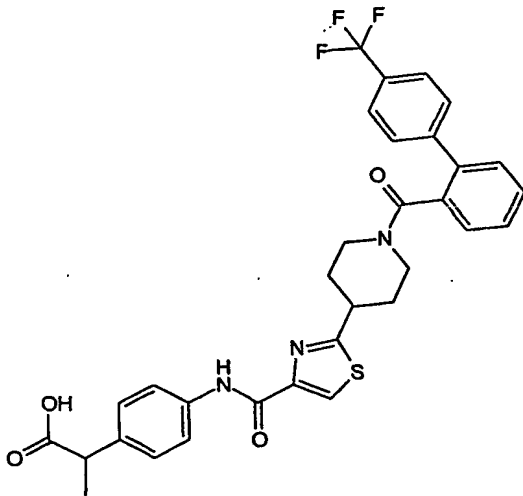
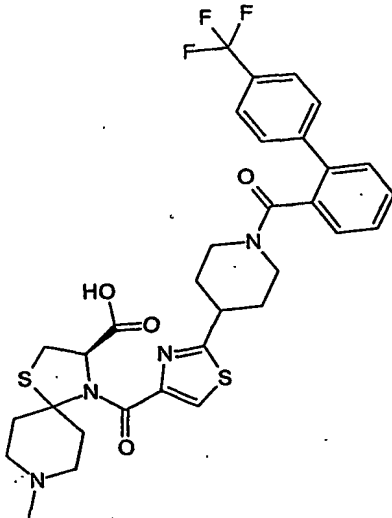
No.	FORMULA	NMR or mass
254	 <p>1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine-2-carboxylic acid</p>	
255	 <p>S-methyl-N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)cysteine</p>	

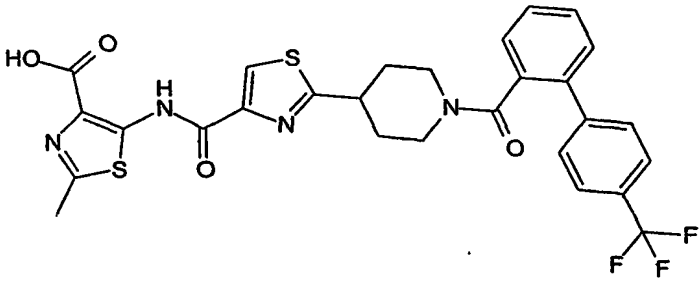
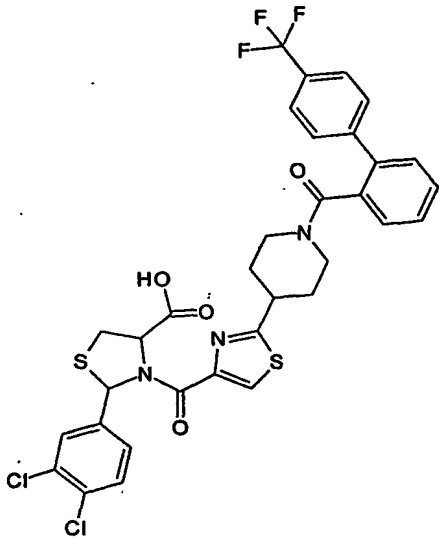
No.	FORMULA	NMR or mass
256		
257	 <p data-bbox="300 1281 1218 1344">1-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)-1H-pyrazole-4-carboxylic acid</p>	
258	 <p data-bbox="300 1827 1218 1890">1-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)-1H-indazole-3-carboxylic acid</p>	

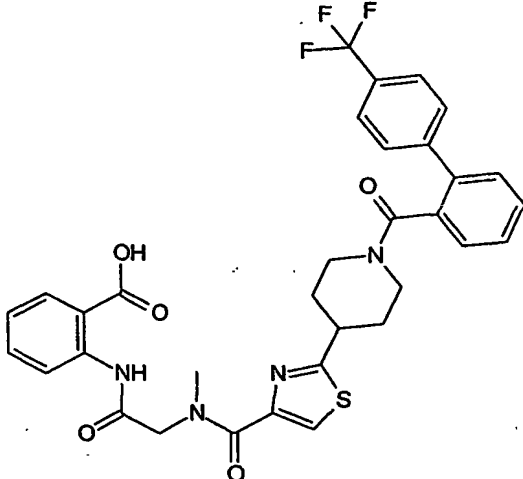
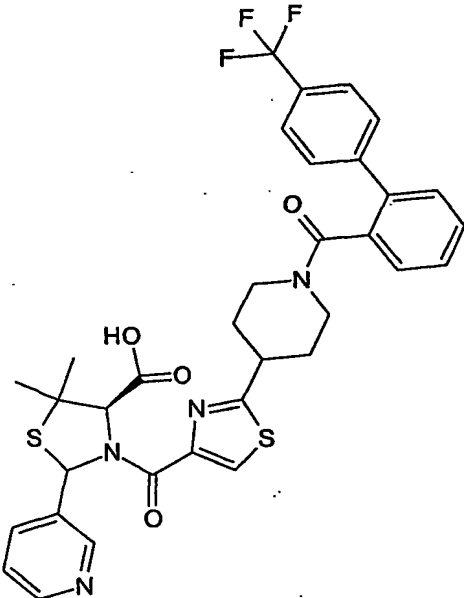
No.	FORMULA	NMR or mass
259	 <p data-bbox="300 903 1136 997">N-[(7-hydroxy-4-methyl-2-oxo-2H-chromen-8-yl)methyl]-N-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]glycine</p>	
260		

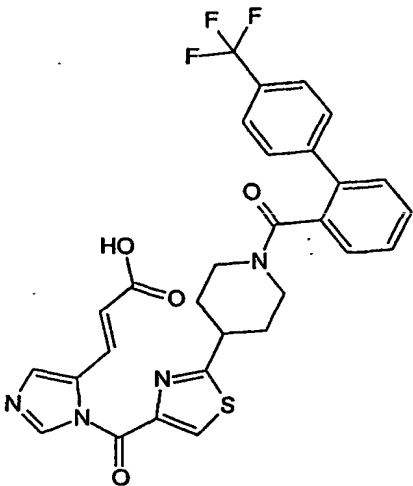
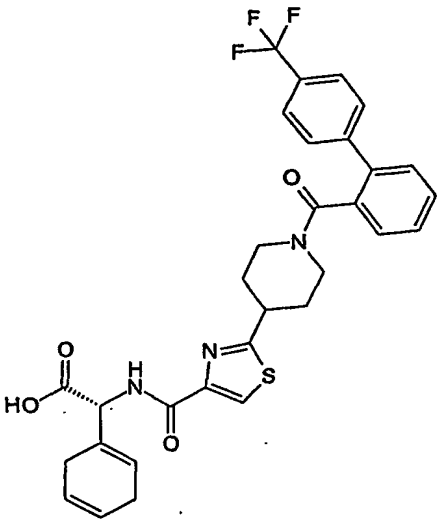
No.	FORMULA	NMR or mass
261	 <p data-bbox="300 913 1193 976">{2-[(benzyl{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)methyl]-6-methoxyphenoxy}acetic acid</p>	
262	 <p data-bbox="305 1585 1185 1648">{4-[2-([2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)amino)ethyl]phenoxy}acetic acid</p>	

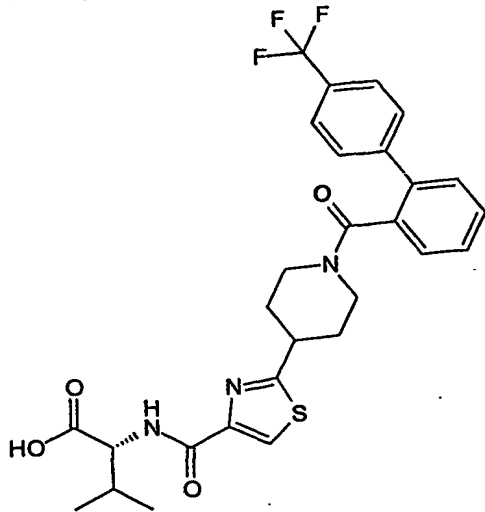
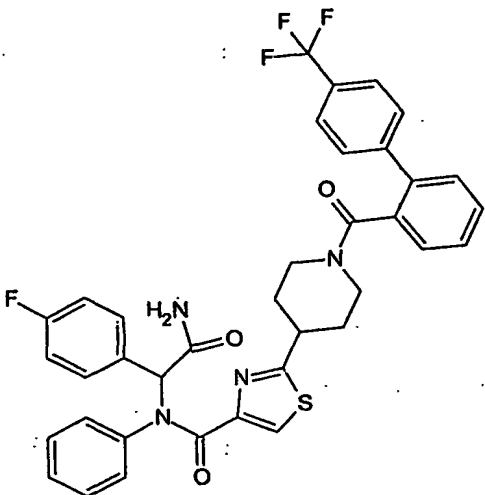


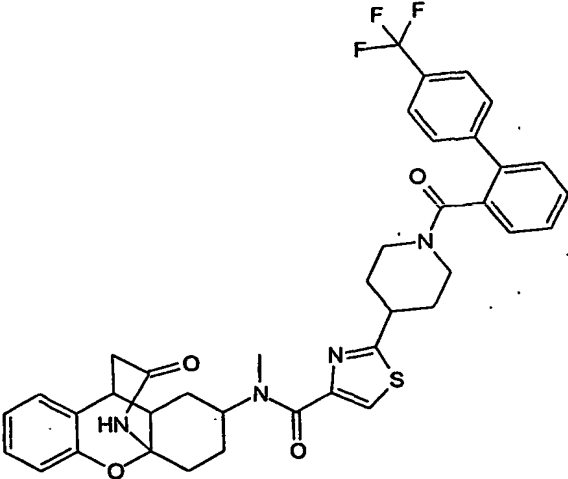
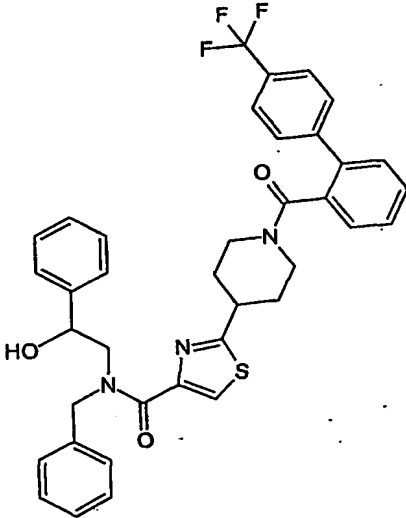
No.	FORMULA	NMR or mass
263	 <p data-bbox="292 903 1169 966">2-[4-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)phenyl]propanoic acid</p>	
264	 <p data-bbox="300 1575 1218 1669">(3R)-8-methyl-4-([2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1-thia-4,8-diazaspiro[4.5]decane-3-carboxylic acid</p>	

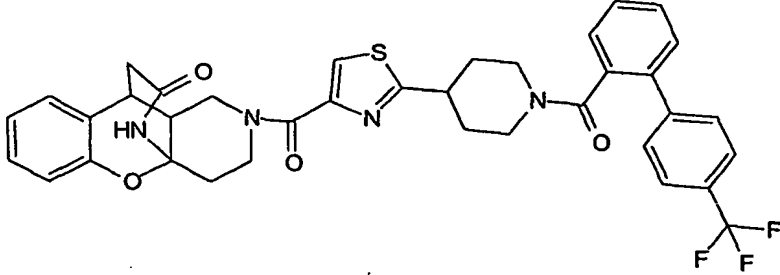
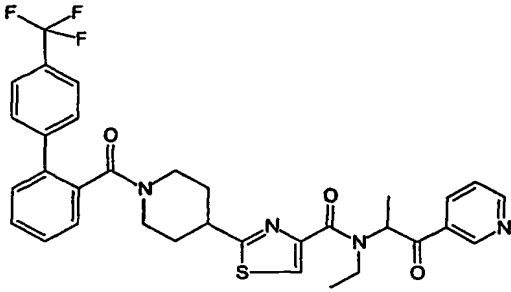
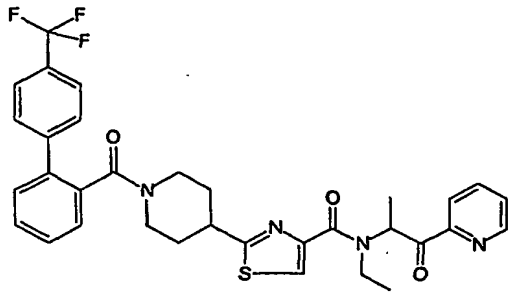
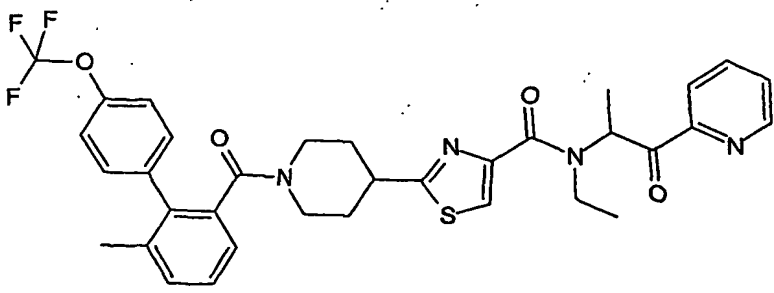
No.	FORMULA	NMR or mass
265		
266	 <p data-bbox="289 1312 1192 1373">2-(3,4-dichlorophenyl)-3-{{[2-(1-{{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}-1,3-thiazolidine-4-carboxylic acid</p>	

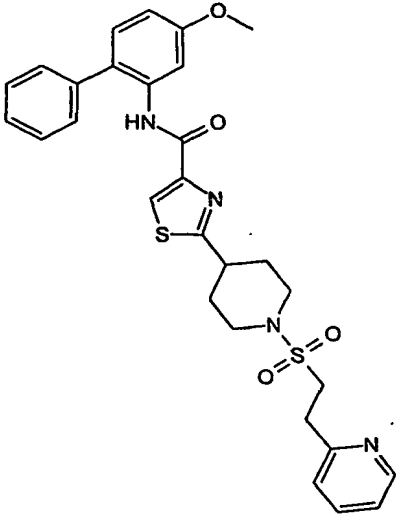
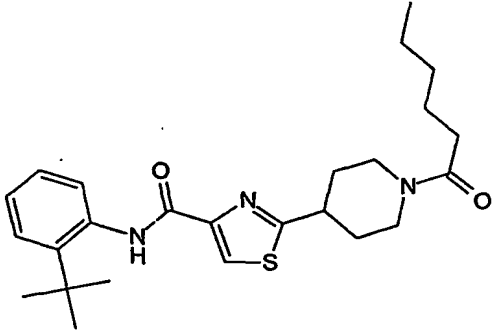
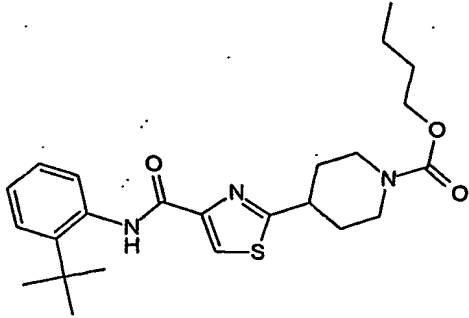
No.	FORMULA	NMR or mass
267	 <p data-bbox="293 898 1203 961">2-[(N-methyl-N-{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycyl)amino]benzoic acid</p>	
268	 <p data-bbox="298 1667 1192 1749">(4R)-5,5-dimethyl-2-pyridin-3-yl-3-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1,3-thiazolidine-4-carboxylic acid</p>	

No.	FORMULA	NMR or mass
269	 <p data-bbox="289 898 1177 961">(2E)-3-(1-([2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1H-imidazol-5-yl)acrylic acid</p>	
270	<p data-bbox="451 1024 535 1050">CHIRAL</p>  <p data-bbox="289 1596 1128 1659">(2R)-cyclohexa-1,4-dien-1-yl([2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)amino)acetic acid</p>	

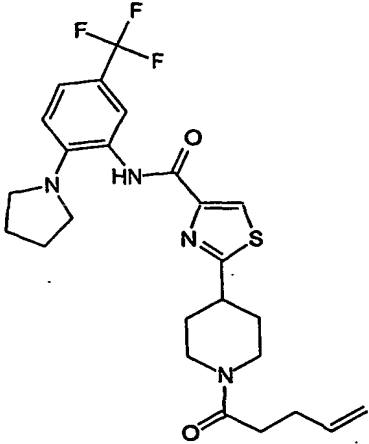
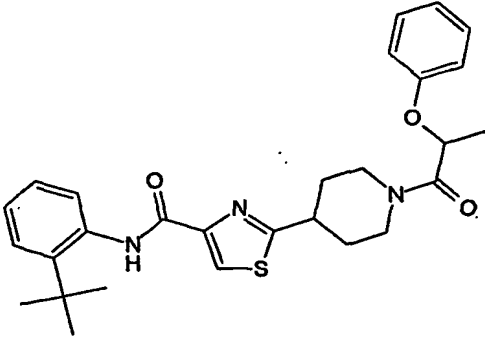
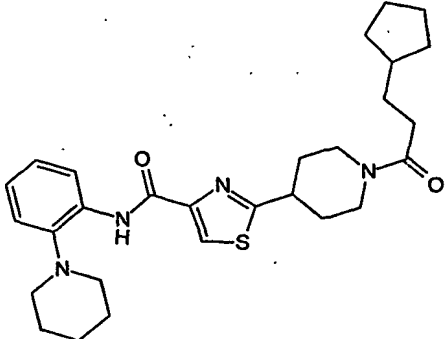
No.	FORMULA	NMR or mass
271	<p data-bbox="542 386 630 411">CHIRAL</p>  <p data-bbox="289 947 1130 1010">N-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-D-valine</p>	
272	 <p data-bbox="298 1629 1175 1692">N-[2-amino-1-(4-fluorophenyl)-2-oxoethyl]-N-phenyl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

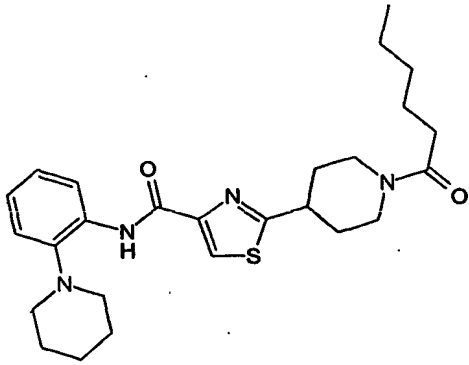
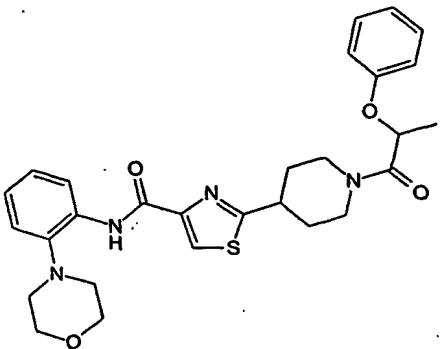
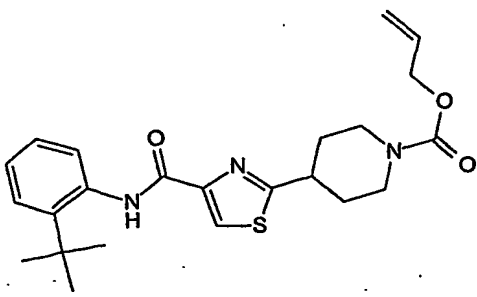
No.	FORMULA	NMR or mass
273	 <p>N-methyl-N-[12-oxo-1,2,3,4,9,9a-hexahydro-4a,9-(epiminoethano)xanthen-2-yl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
274	 <p>N-benzyl-N-(2-hydroxy-2-phenylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

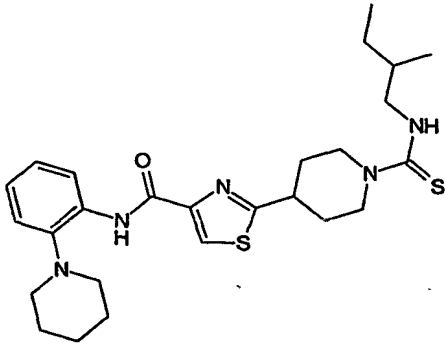
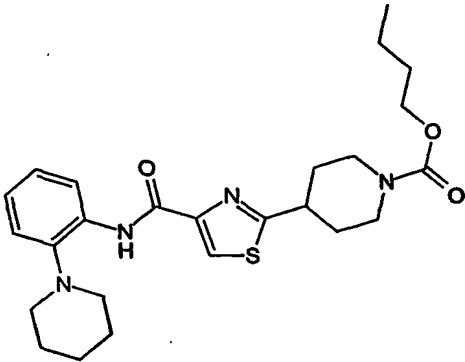
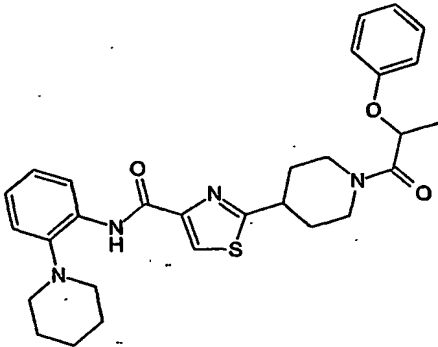
No.	FORMULA	NMR or mass
275		
276		
277		(CDCI <sub>3</sub> ) : 1.27-1.21 (16H, m); 1.27-1.26 (1H, m); 1.24-1.26 (1H, m); 1.21-1.27 (13H, m).
278		(CDCI <sub>3</sub> ) : 1.23-1.29 (19H, m); 1.28-1.27 (1H, m); 1.27-1.27 (1H, m); 1.20-1.25 (12H, m).

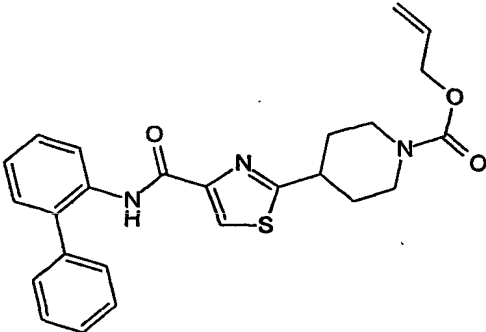
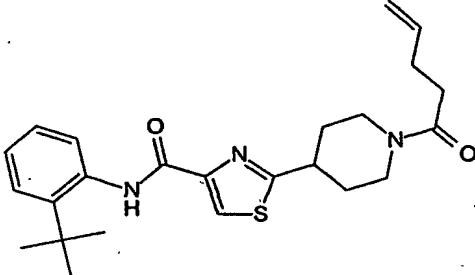
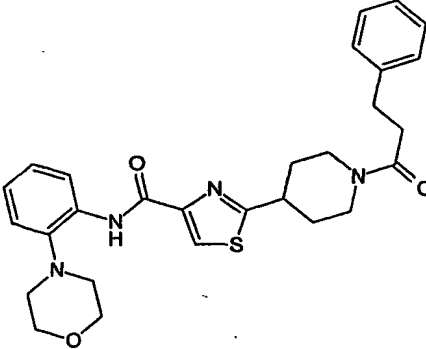
No.	FORMULA	NMR or mass
279	 <p data-bbox="300 926 1219 989">N-(4-methoxybiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
280		
281		

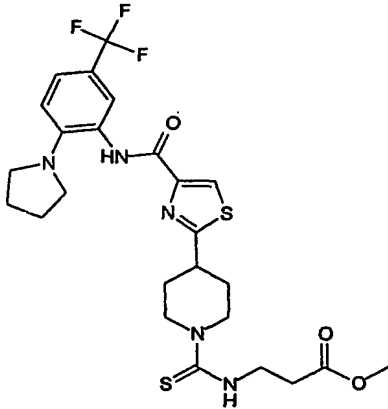
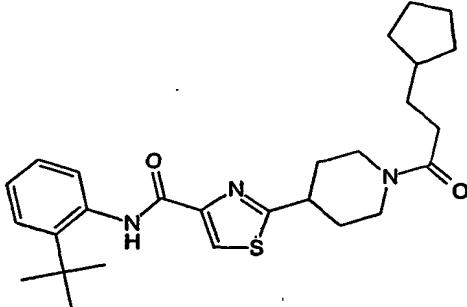
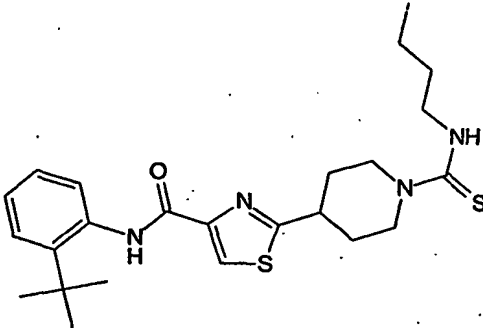


No.	FORMULA	NMR or mass
282	 <p>2-(1-pent-4-enoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
283		
284		

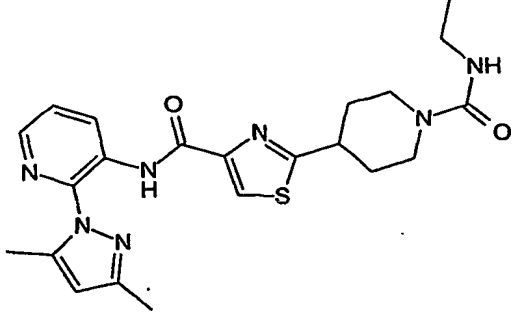
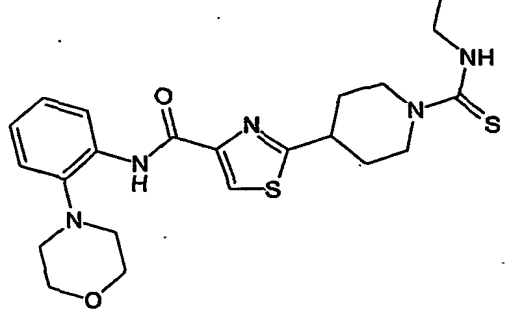
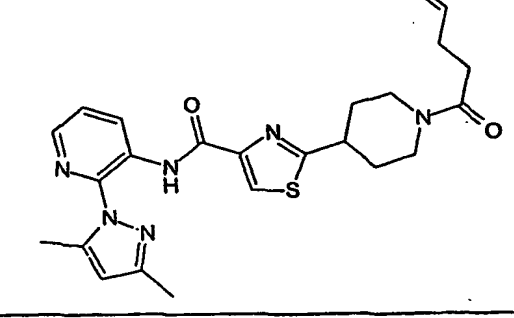
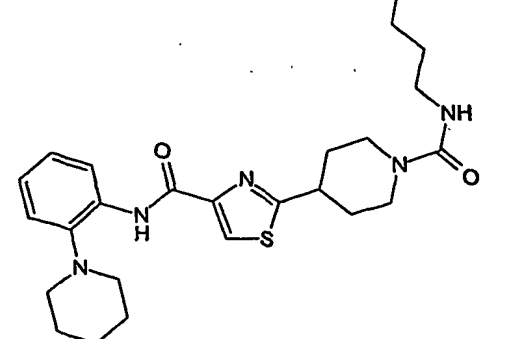
No.	FORMULA	NMR or mass
285	 <chem>CCCC(=O)N1CCN(C1)c2ccsc2NC(=O)c3ccccc3N4CCCCC4</chem>	
286	 <chem>CC(Oc1ccccc1)C(=O)N1CCN(C1)c2ccsc2NC(=O)c3ccccc3N4CCOCC4</chem>	
287	 <chem>C=CCOC(=O)N1CCN(C1)c2ccsc2NC(=O)c3ccccc3C(C)(C)C</chem>	

No.	FORMULA	NMR or mass
288	 <chem>CC(C)CNC(=S)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)scc21</chem>	
289	 <chem>CCCCOC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)scc21</chem>	
290	 <chem>CC(=O)Oc1ccc(Oc2ccc(C(=O)Nc3ccccc3N4CCCCC4)cc2)cc1</chem>	

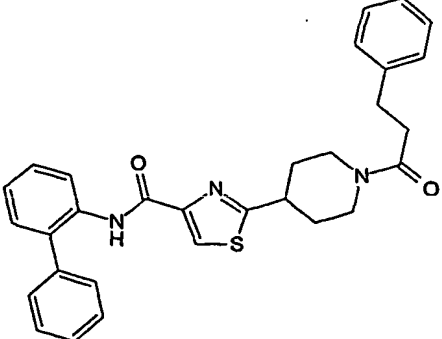
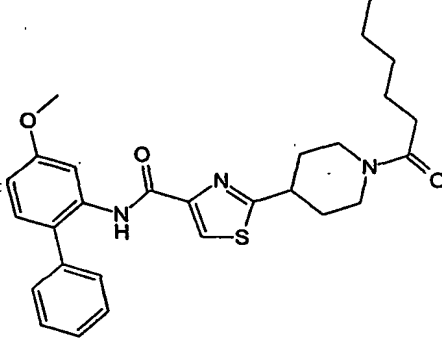
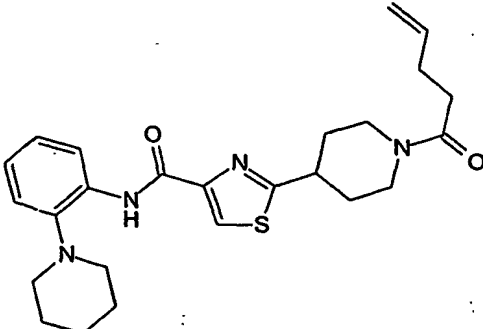
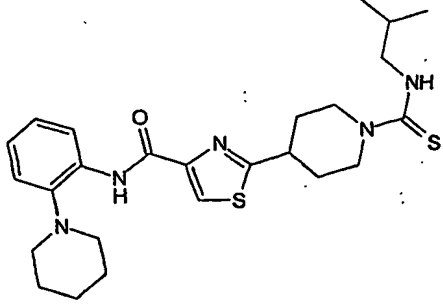
No.	FORMULA	NMR or mass
291	 <chem>CC=CCOC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3c4ccccc42)s3</chem>	
292	 <chem>CC(C)(C)c1ccccc1C(=O)Nc2ccccc2C(=O)c3nc(C(=O)N4CCCCC4C(=O)CC=C)cs3</chem>	
293	 <chem>c1ccc(cc1)CC(=O)N2CCCCC2c3nc(C(=O)Nc4ccccc4N5CCOCC5)cs3</chem>	

No.	FORMULA	NMR or mass
294	 <p data-bbox="302 800 1130 863">methyl N-((4-[4-([2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino)-carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	
295		
296		

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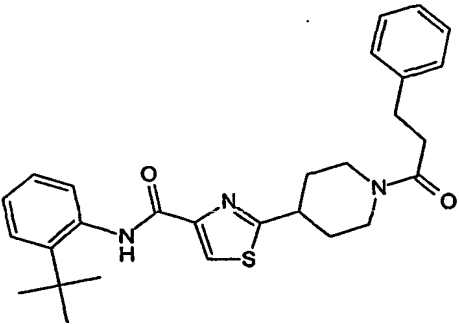
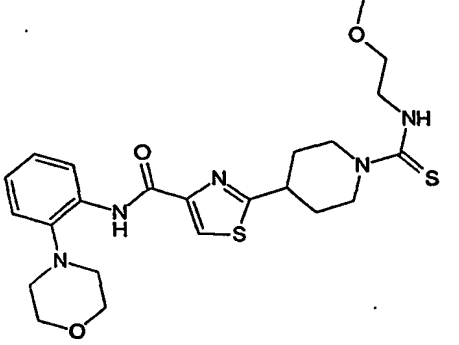
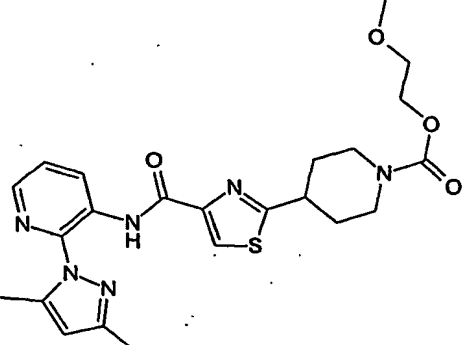
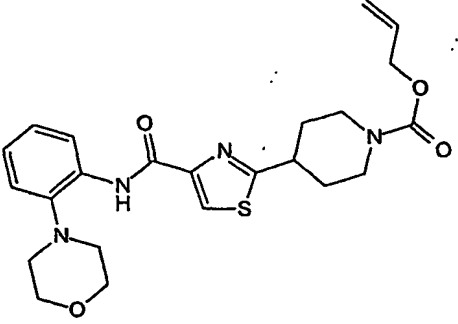
No.	FORMULA	NMR or mass
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298		
299		
300		

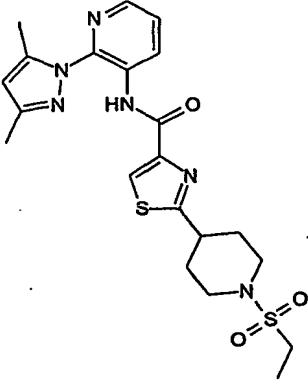
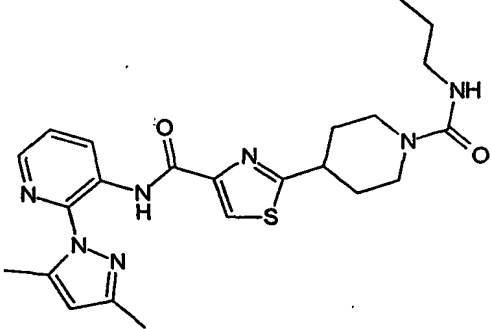
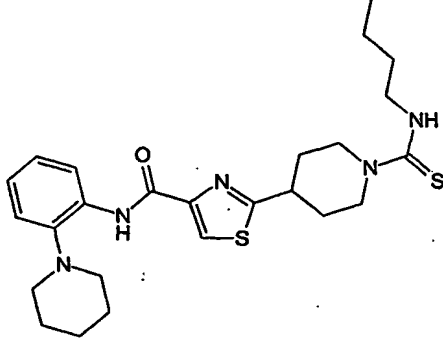
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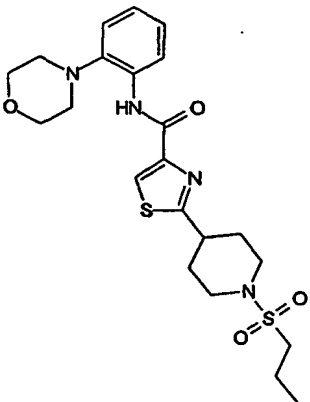
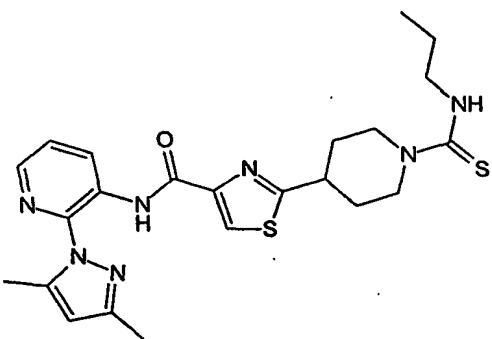
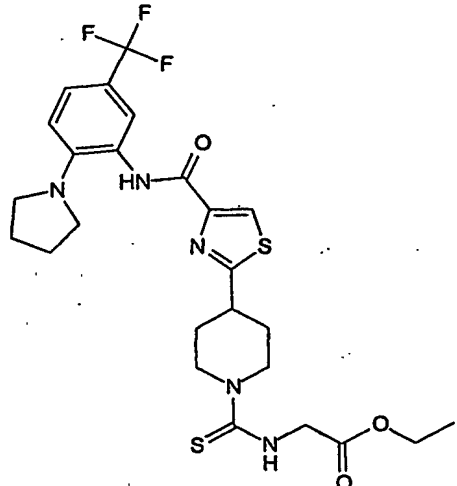
No.	FORMULA	NMR or mass
301	 <chem>O=C1NC(=O)C2=CC=CC=C2C3=CC=CC=C3C4=CN=C(S4)C5CCN(CC5)C(=O)CC6=CC=CC=C6</chem>	
302	 <chem>COc1ccc(cc1C2=CC=CC=C2)NC(=O)C3=CN=C(S3)C4CCN(CC4)C(=O)CCCC</chem>	
303	 <chem>C=CCCC(=O)N1CCN(CC1)C2=CN=C(S2)C3=CC=CC=C3NC(=O)C4=CC=CC=C4N5CCNCC5</chem>	
304	 <chem>CC(C)NC(=S)N1CCN(CC1)C2=CN=C(S2)C3=CC=CC=C3NC(=O)C4=CC=CC=C4N5CCNCC5</chem>	

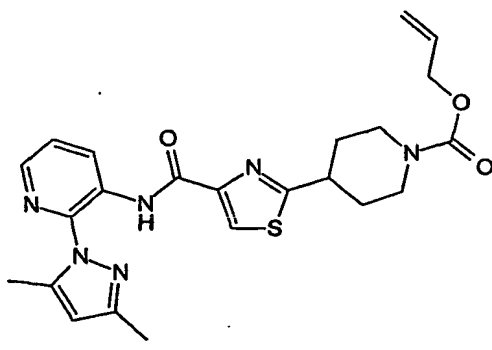
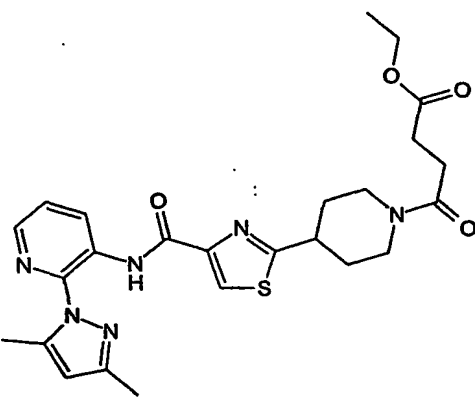
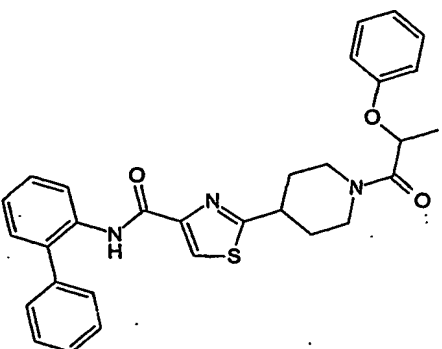
No.	FORMULA	NMR or mass
305		
306	<p data-bbox="305 1220 1149 1276">but-3-en-1-yl 4-([2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]amino)-carbonyl-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
307	<p data-bbox="305 1675 1218 1732">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-[(2-furylmethyl)amino]-carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

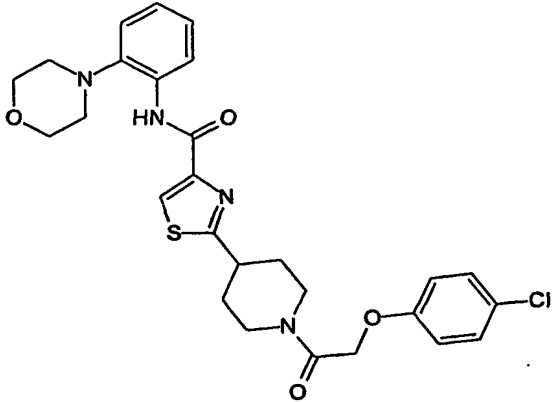
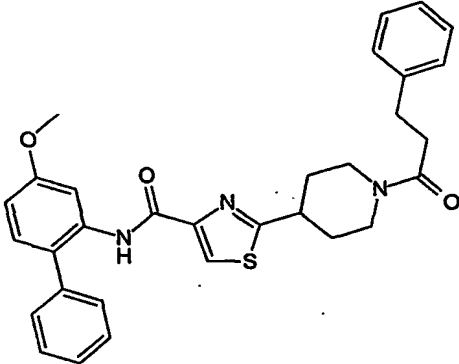
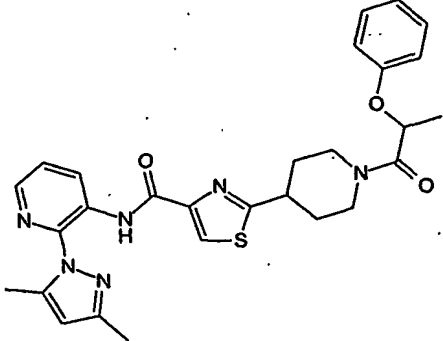


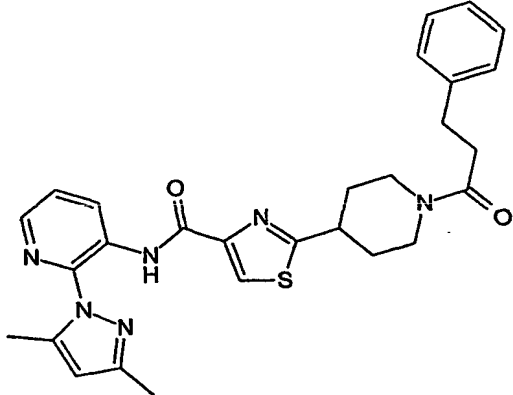
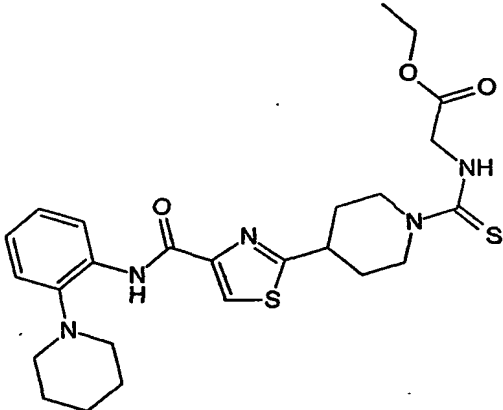
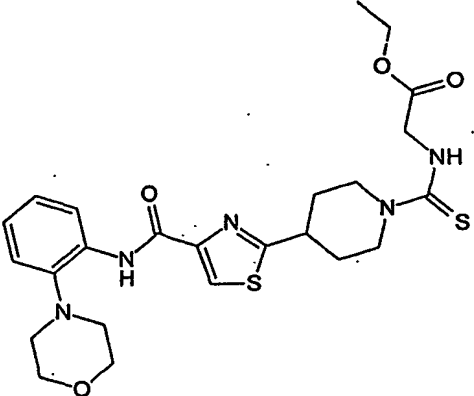
No.	FORMULA	NMR or mass
308	 <chem>CC1(C)C=CC=C1C(=O)Nc2cc(C)sc2C3CCN(CC3)C(=O)OCC4=CC=CC=C4</chem>	
309	 <chem>COC(=S)NCC1CCN(CC1)C2=CC=CC=C2C(=O)Nc3ccc(OCC4CCOCC4)cc3</chem>	
310	 <chem>COC(=S)NCC1CCN(CC1)C2=CC=CC=C2C(=O)Nc3ccc(OCC4CCOCC4)cc3</chem>	
311	 <chem>C=CCOC(=O)N1CCN(CC1)C2=CC=CC=C2C(=O)Nc3ccc(OCC4CCOCC4)cc3</chem>	

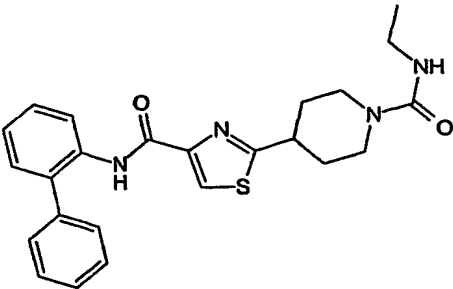
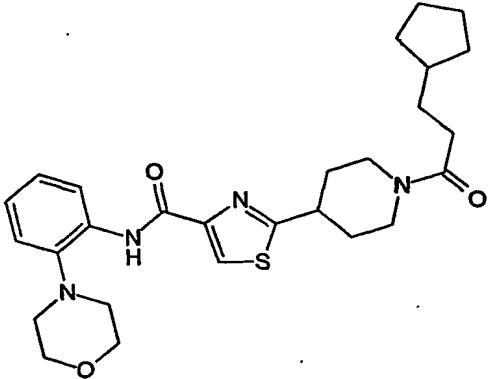
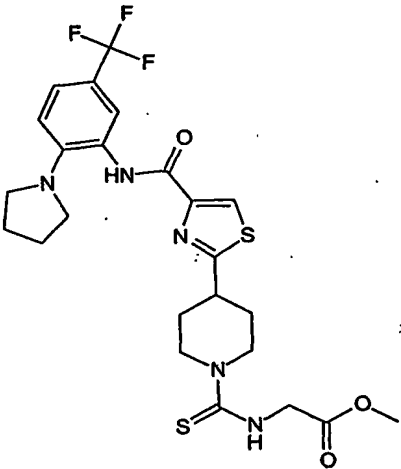
No.	FORMULA	NMR or mass
312	 <p data-bbox="302 772 1227 835">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
313		
314		

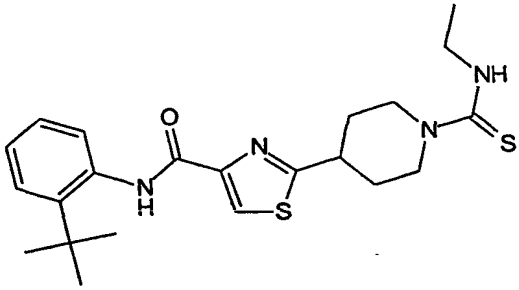
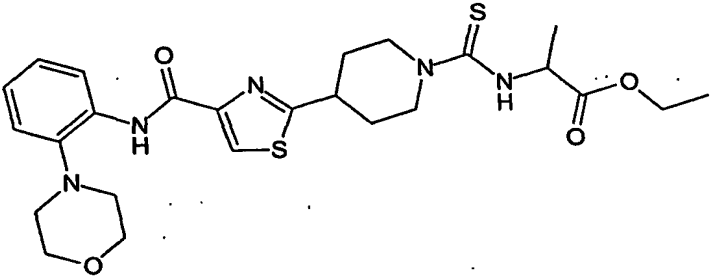
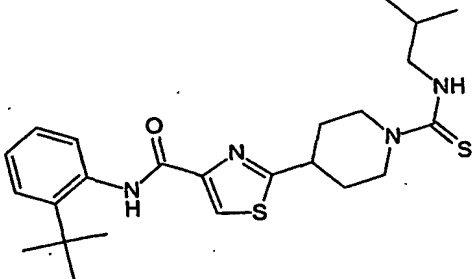
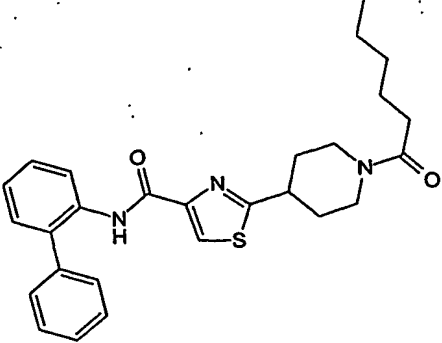
No.	FORMULA	NMR or mass
315	 <p>N-(2-morpholin-4-ylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
316		
317	 <p>ethyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p>	

No.	FORMULA	NMR or mass
318	 <chem>Cc1cnc2ccn(c12)NC(=O)c3ccsc3C4CCN(CC4)C(=O)OCC=C</chem>	
319	 <chem>CCOC(=O)CCC(=O)N1CCN(CC1)c2ccsc2C(=O)Nc3cc4c(nc3)cn(C)c4</chem>	
320	 <chem>CC(OC1=CC=CC=C1)C(=O)N2CCN(CC2)c3ccsc3C(=O)Nc4c5ccccc4c5</chem>	

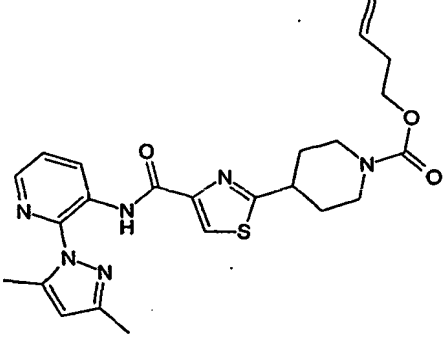
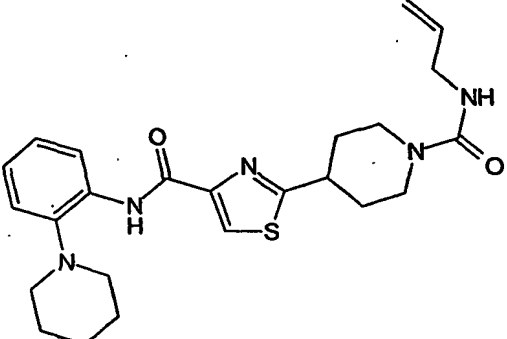
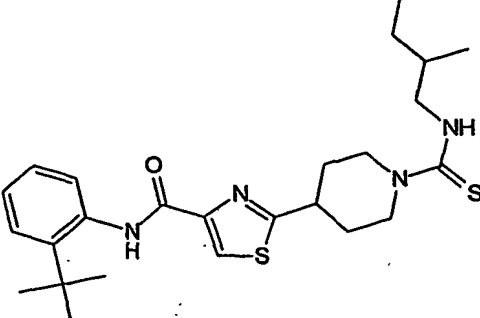
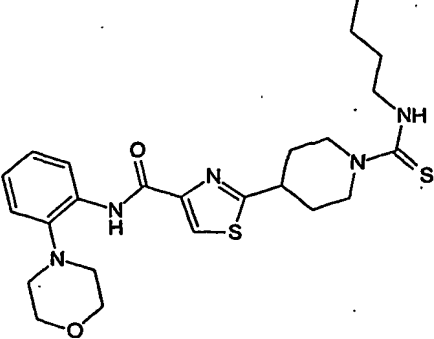
No.	FORMULA	NMR or mass
321	 <p data-bbox="302 821 1227 877">2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
322		
323	 <p data-bbox="310 1717 1219 1774">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

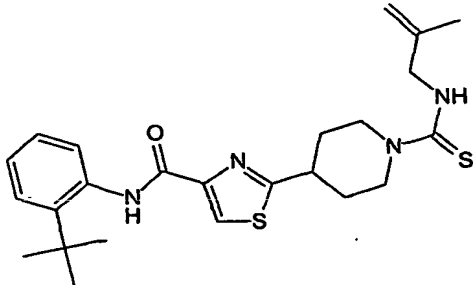
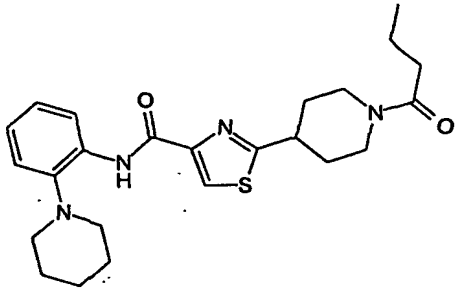
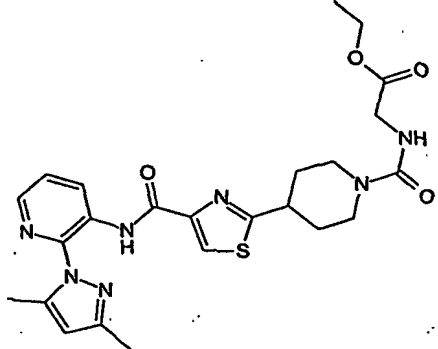
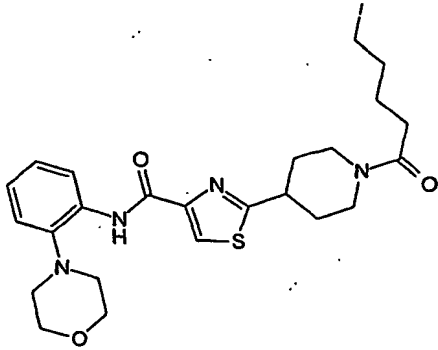
No.	FORMULA	NMR or mass
324		
325		
326		

No.	FORMULA	NMR or mass
327		
328		
329	 <p data-bbox="310 1772 1122 1835">methyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}-carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p>	

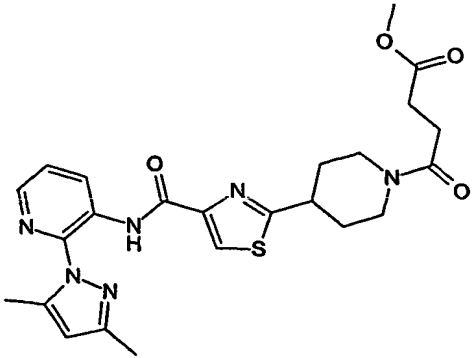
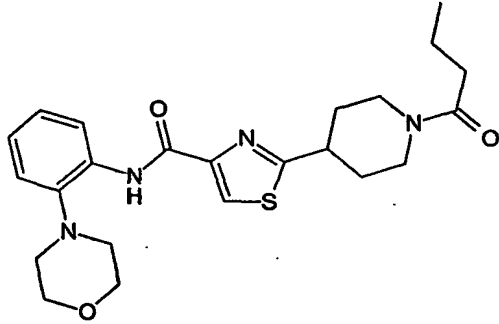
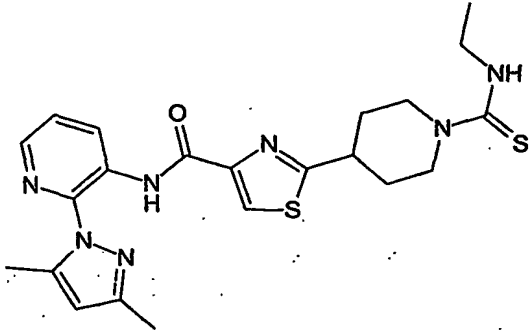
No.	FORMULA	NMR or mass
330	 <chem>CCNC(=S)N1CCCCC1c2ccsc2C(=O)Nc3ccccc3C(C)(C)C</chem>	
331	 <chem>CCOC(=O)C(C)NC(=S)N1CCCCC1c2ccsc2C(=O)Nc3ccccc3N4CCOCC4</chem>	
332	 <chem>CC(C)CNC(=S)N1CCCCC1c2ccsc2C(=O)Nc3ccccc3C(C)(C)C</chem>	
333	 <chem>CCCCC(=O)N1CCCCC1c2ccsc2C(=O)Nc3ccccc3c4ccccc4</chem>	

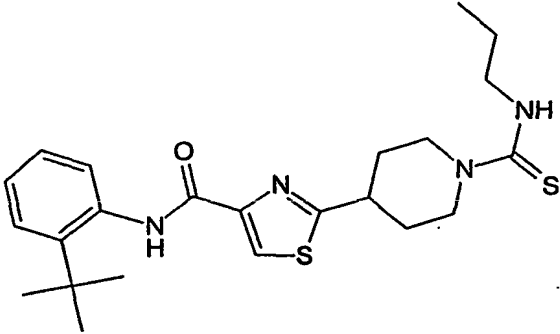
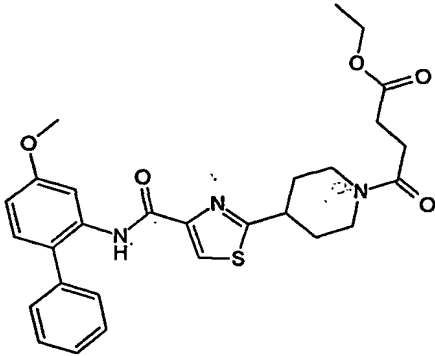
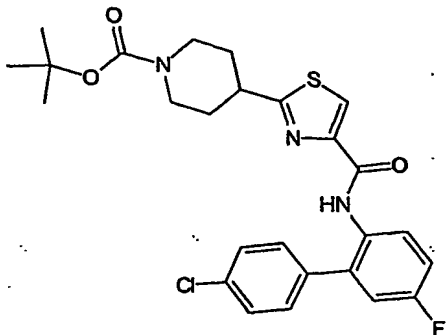


No.	FORMULA	NMR or mass
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335		
336		
337		

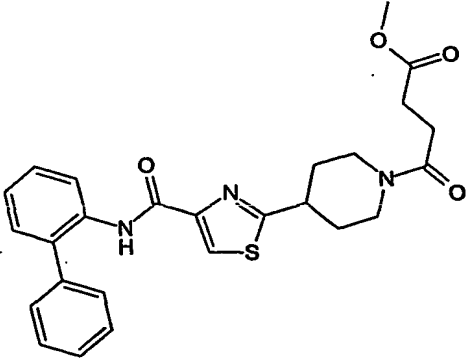
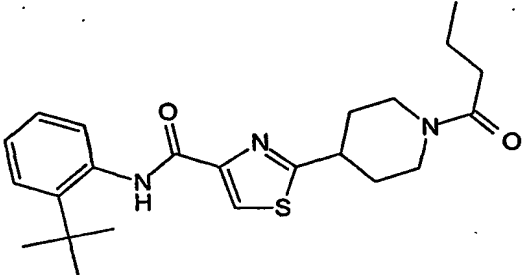
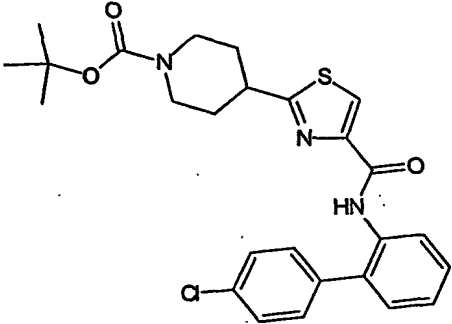
No.	FORMULA	NMR or mass
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339		
340		
341		

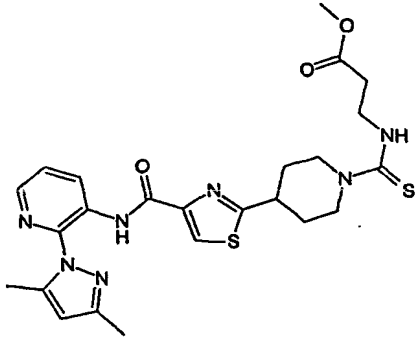
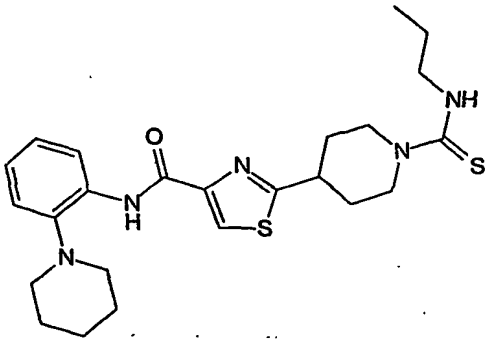
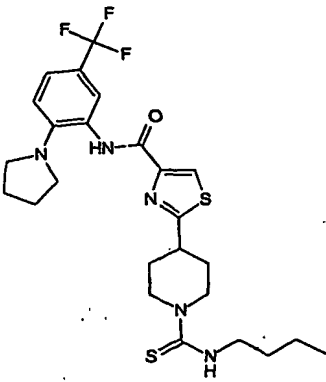
- 175 -

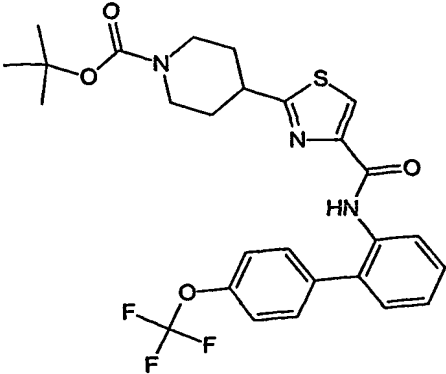
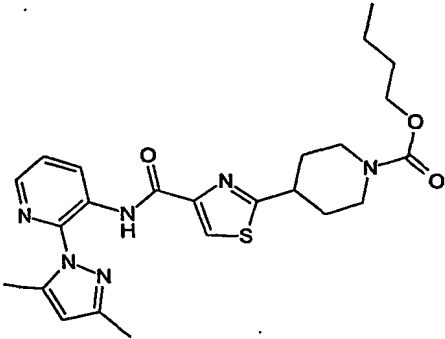
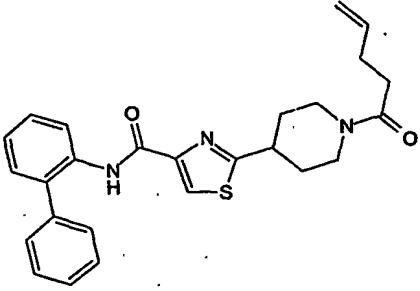
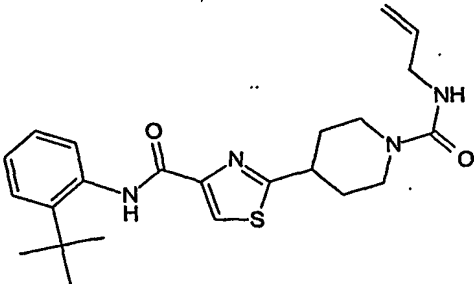
No.	FORMULA	NMR or mass
342	 <chem>COCC(=O)N1CCCCC1c2nc(C3=CC=CC=C3N4C=CC=C4C5=CC=CC=C5C(=O)N3C2)c2</chem>	
343	 <chem>CCOC(=O)N1CCCCC1c2nc(C3=CC=CC=C3N4C=CC=C4C5=CC=CC=C5C(=O)N3C2)c2</chem>	
344	 <chem>CCNC(=S)N1CCCCC1c2nc(C3=CC=CC=C3N4C=CC=C4C5=CC=CC=C5C(=O)N3C2)c2</chem>	

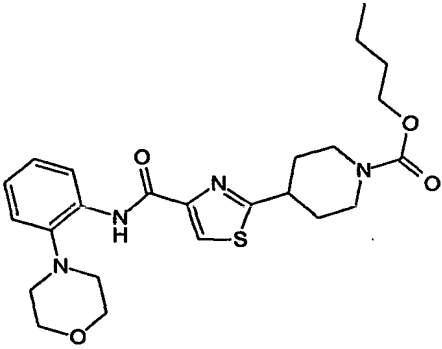
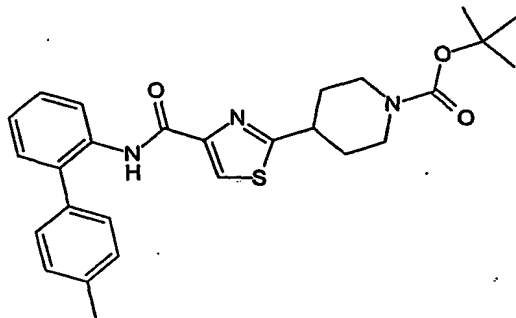
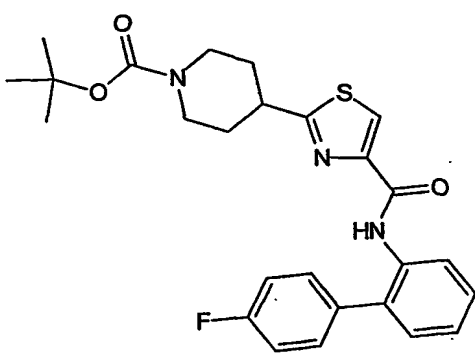
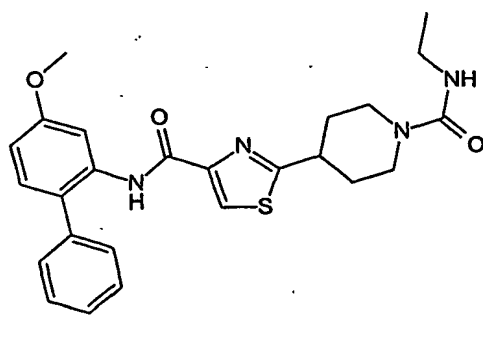
No.	FORMULA	NMR or mass
345		
346		
347		

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No.	FORMULA	NMR or mass
348	 <chem>COCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3c4ccccc42)s3</chem>	
349	 <chem>CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(C(C)(C)C)ccc32)s3</chem>	
350	 <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(Cc4ccc(Cl)cc4)cc32)s3</chem>	

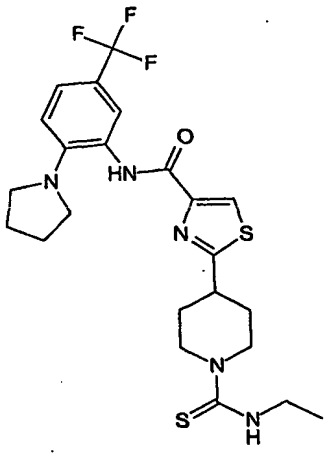
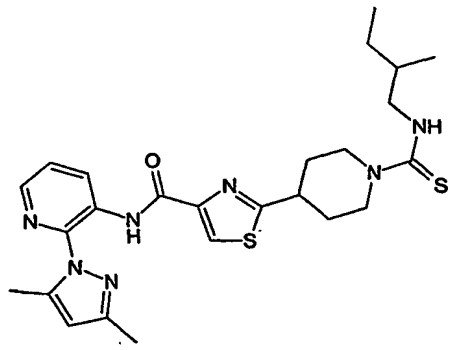
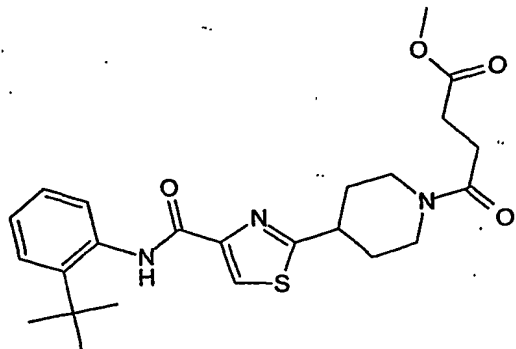
No.	FORMULA	NMR or mass
351	 <p data-bbox="300 751 1140 814">methyl N-((4-((2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl)amino)-carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	
352		
353	 <p data-bbox="305 1675 1123 1738">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

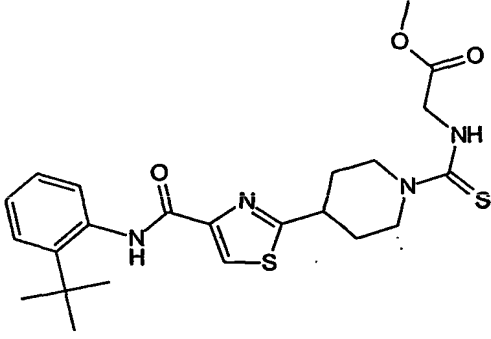
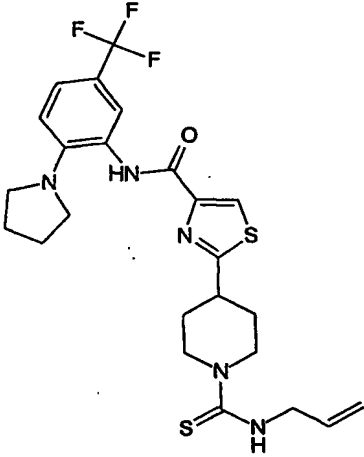
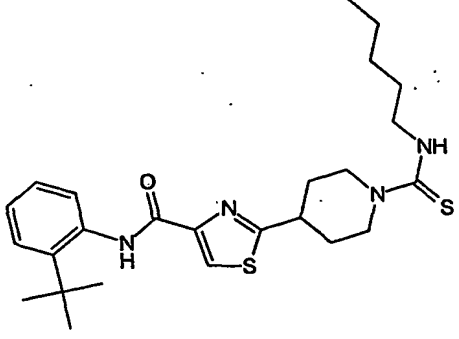
No.	FORMULA	NMR or mass
354	 <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccc(OC(F)(F)F)cc4)s2</chem>	
355	 <chem>CCCCOC(=O)N1CCCCC1c2nc(C(=O)Nc3ccnnc3-c4ccncc4)s2</chem>	
356	 <chem>C=CC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccccc4)s2</chem>	
357	 <chem>C=CC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(C(C)(C)C)ccc3-c4ccccc4)s2</chem>	

No.	FORMULA	NMR or mass
358	 <chem>CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3ccsc23</chem>	
359	 <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccccc4)c3ccsc23</chem>	
360	 <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccc(F)cc4)c3ccsc23</chem>	
361	 <chem>CCNC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(OC)cc3-c4ccccc4)c3ccsc23</chem>	

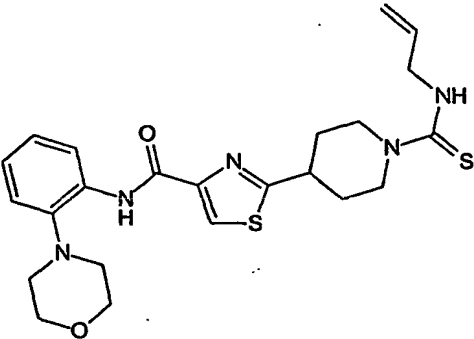
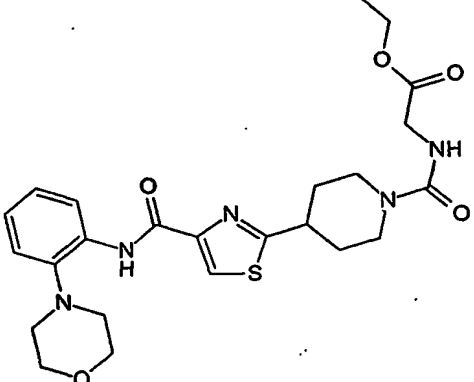
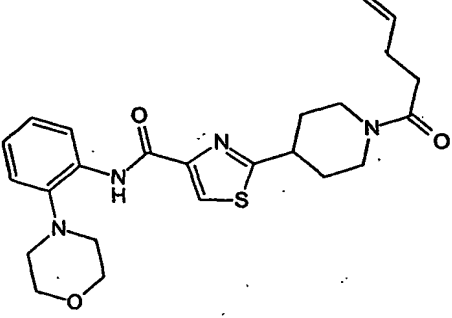


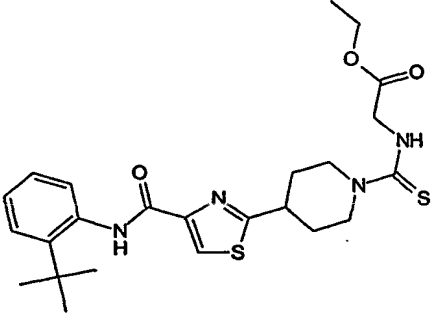
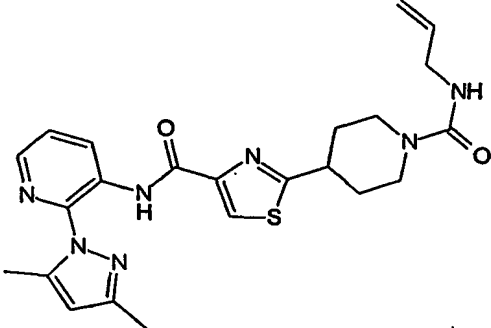
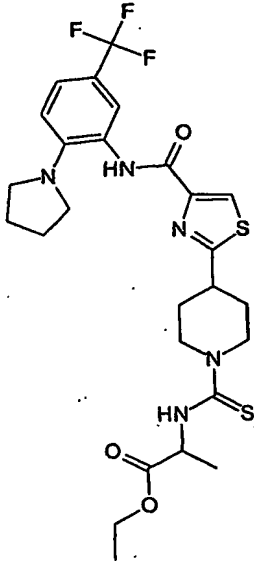
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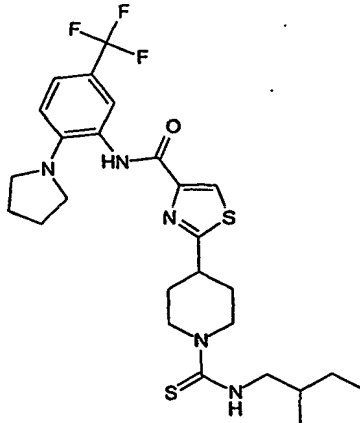
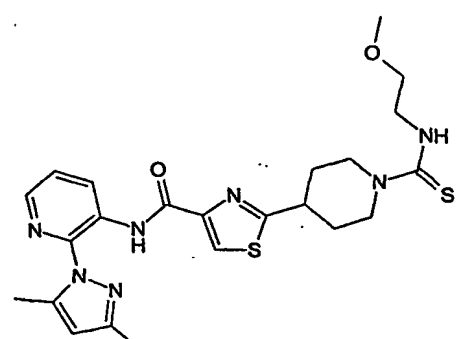
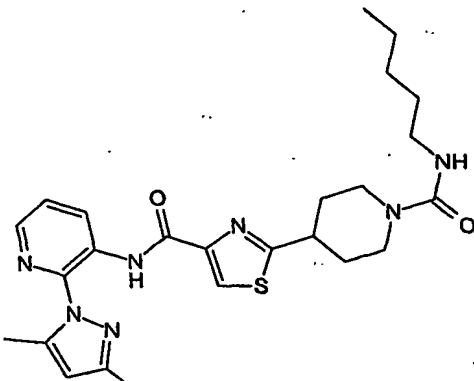
No.	FORMULA	NMR or mass
362	 <p data-bbox="300 871 1120 934">2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
363	 <p data-bbox="300 1344 1218 1407">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-[(2-methylbutyl)amino]carbonothioyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
364		

No.	FORMULA	NMR or mass
365		
366	 <p data-bbox="305 1276 1218 1339">2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
367		

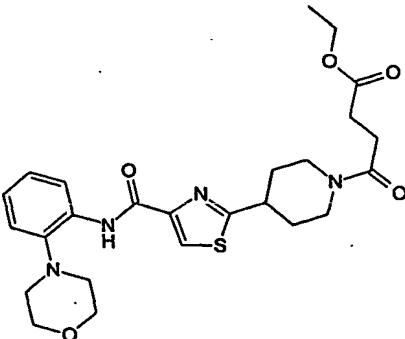
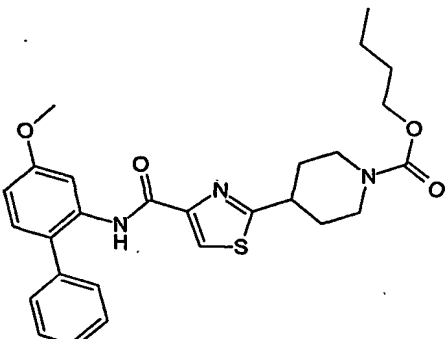
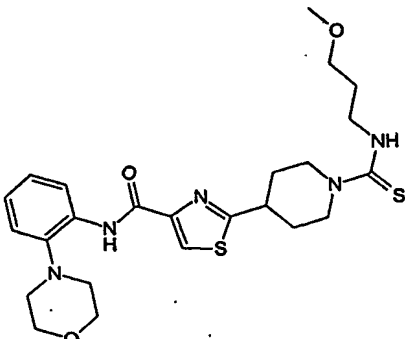
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No.	FORMULA	NMR or mass
368	 <chem>C=CCNC(=S)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3scn3</chem>	
369	 <chem>CCOC(=O)CNC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3scn3</chem>	
370	 <chem>CCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3scn3</chem>	

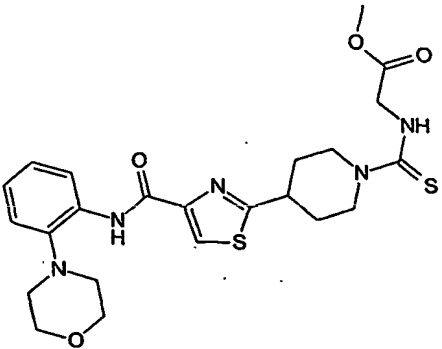
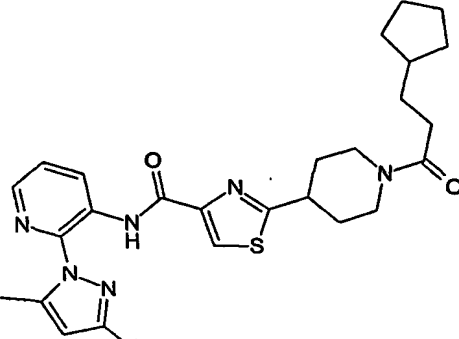
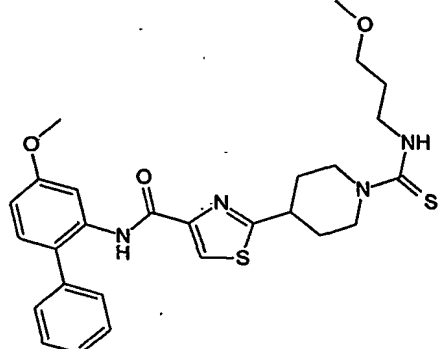
No.	FORMULA	NMR or mass
371		
372		
373	 <p data-bbox="305 1766 1208 1822">ethyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)alaninate</p>	

No.	FORMULA	NMR or mass
374	 <p>2-(1-((2-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
375		
376		

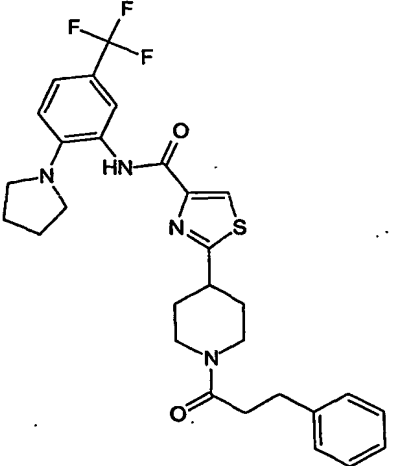
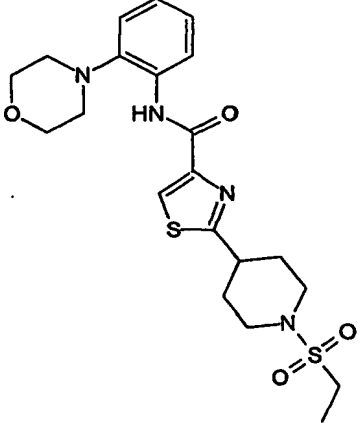
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No.	FORMULA	NMR or mass
377	 <chem>CCOC(=O)CCNC(=O)N1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCOCC4</chem>	
378	 <chem>CCOC(=O)CCNC(=O)N1CCN(CC1)c2ccsc2C(=O)Nc3cc(OC)c(c3)c4ccccc4</chem>	
379	 <chem>COCCNC(=S)N1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCOCC4</chem>	

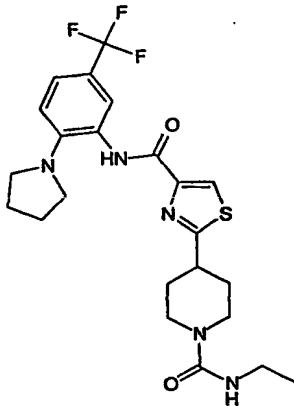
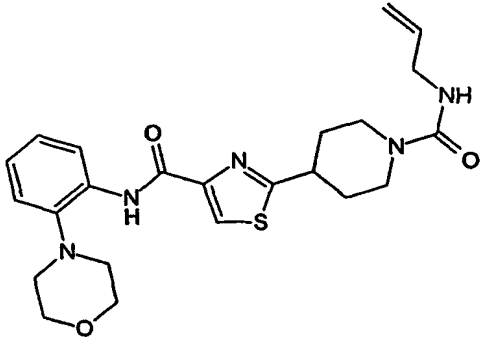
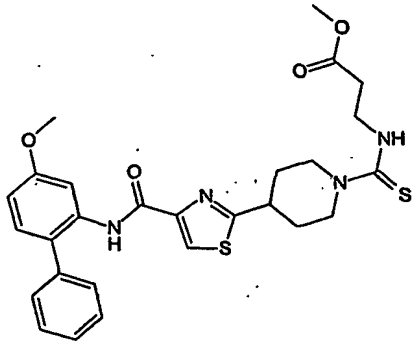
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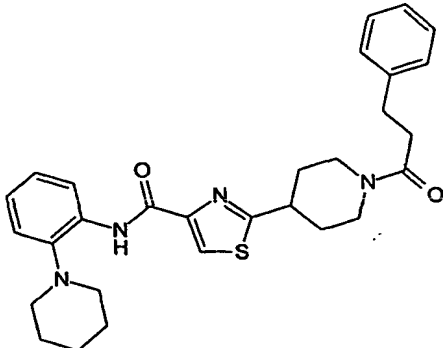
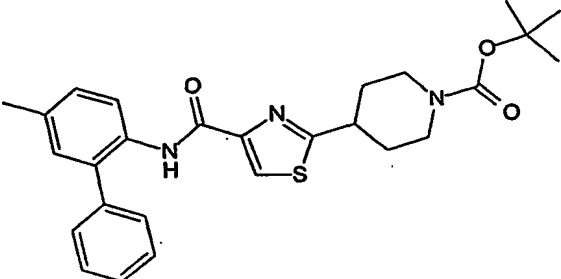
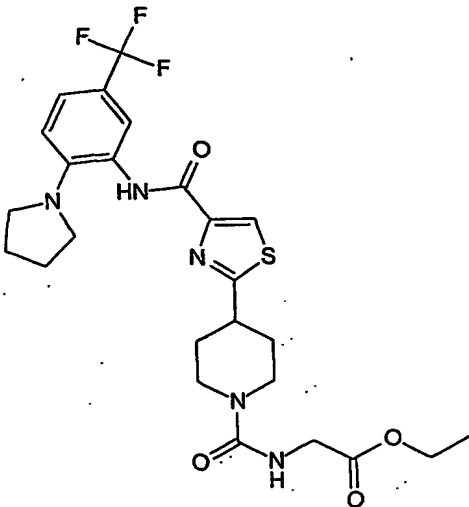
No.	FORMULA	NMR or mass
380		
381		
382		

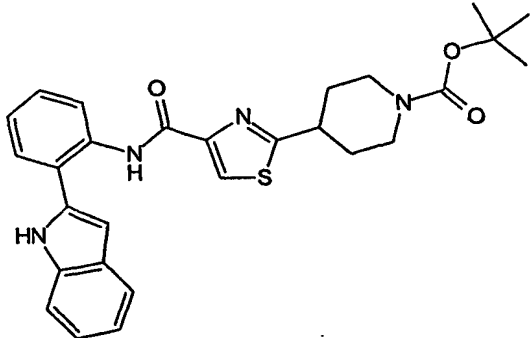
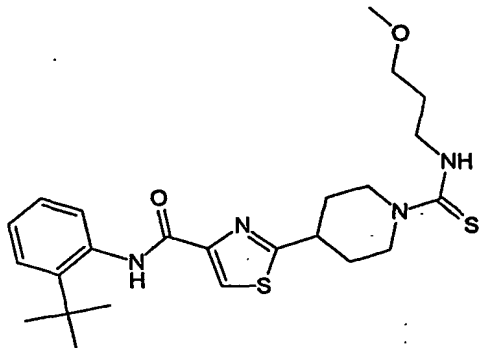
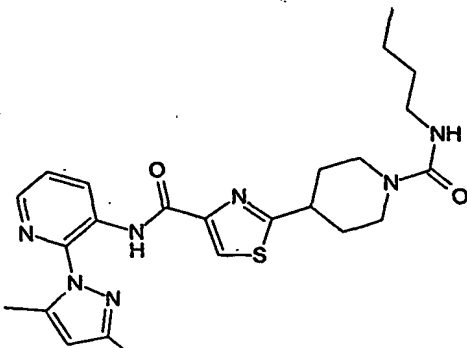
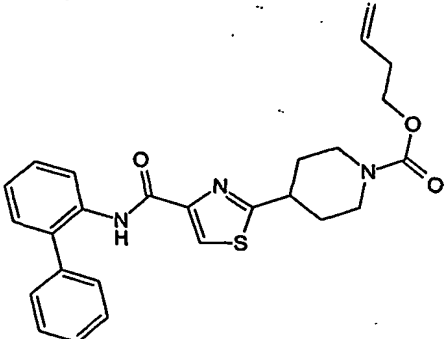
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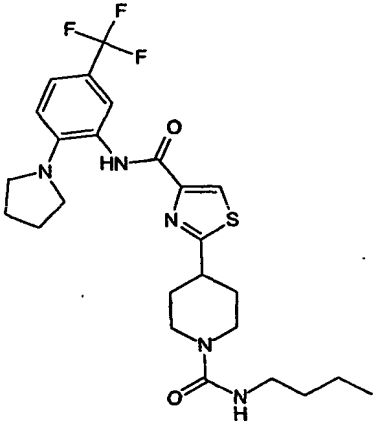
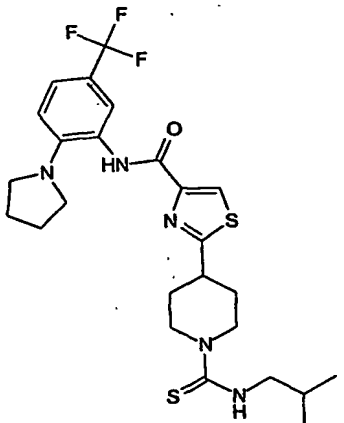
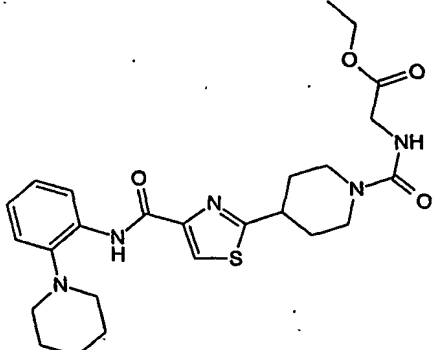
No.	FORMULA	NMR or mass
383	 <p>2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
384	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

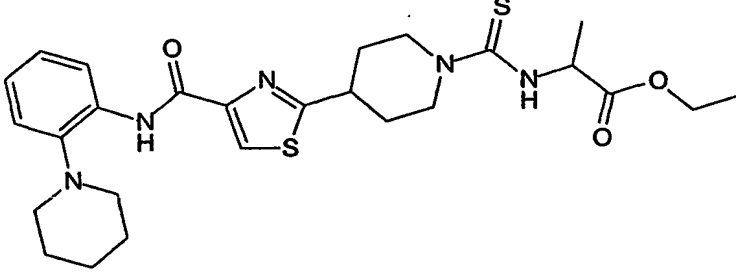
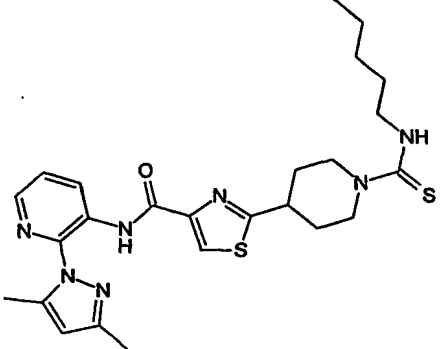
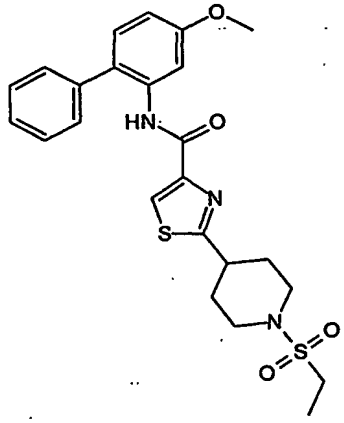


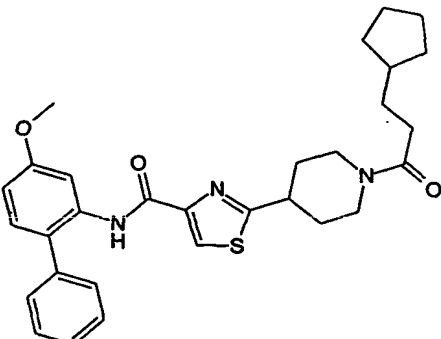
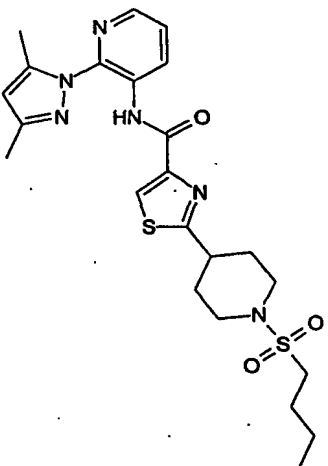
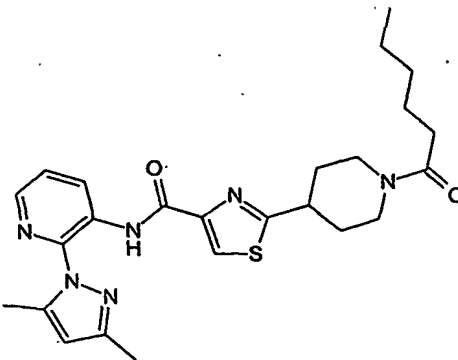
No.	FORMULA	NMR or mass
385	 <p>N-ethyl-4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
386		
387		

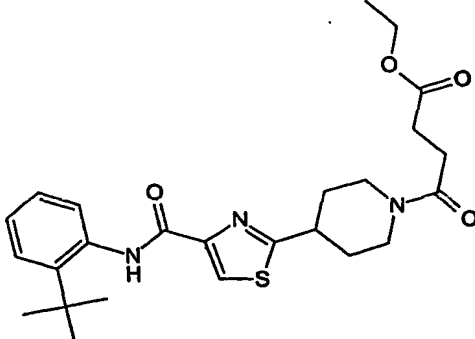
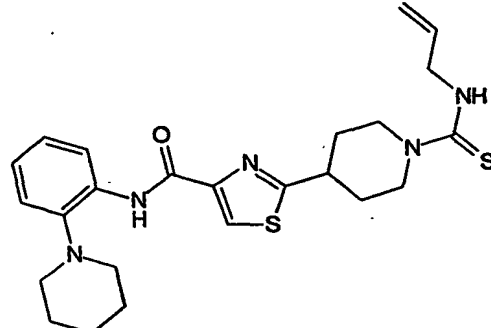
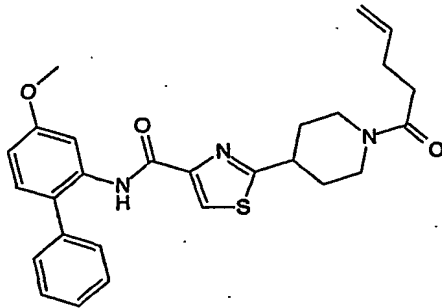
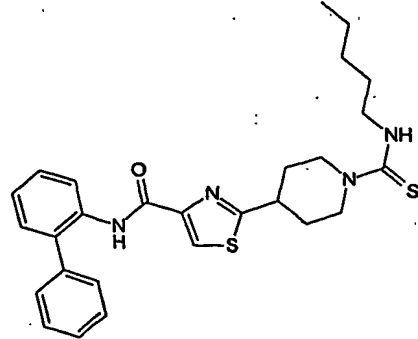
No.	FORMULA	NMR or mass
388		
389		
390	 <p data-bbox="305 1661 1203 1724">ethyl N-((4-[4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl)amino)carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl)glycinate</p>	

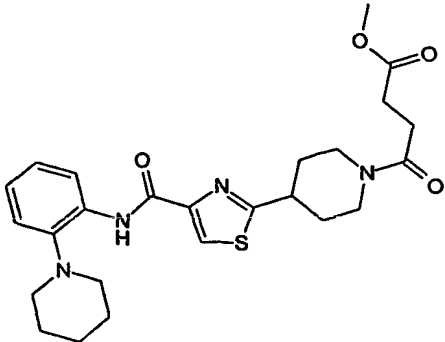
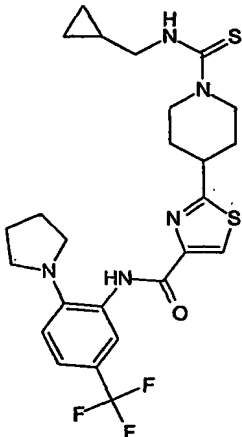
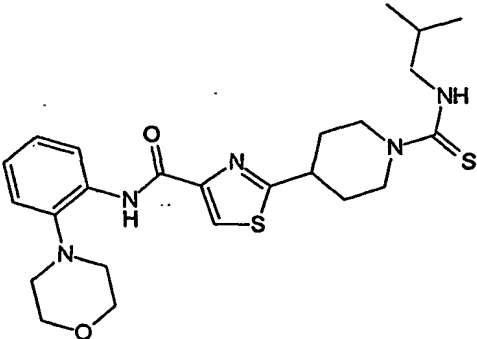
No.	FORMULA	NMR or mass
391	 <chem>CC(C)(C)OC(=O)N1CCCCC1c2sc(C(=O)Nc3c[nH]c4ccccc34)c2</chem>	
392	 <chem>COCCNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccc(C(C)(C)C)cc3)c2</chem>	
393	 <chem>CCCCNC(=O)N1CCCCC1c2sc(C(=O)Nc3cc4nn(C)c4cn3)c2</chem>	
394	 <chem>C=CCOC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3-c4ccccc4)c2</chem>	

No.	FORMULA	NMR or mass
395	 <p>N-butyl-4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
396	 <p>2-[1-[(isobutylamino)carbonothioyl]piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
397		

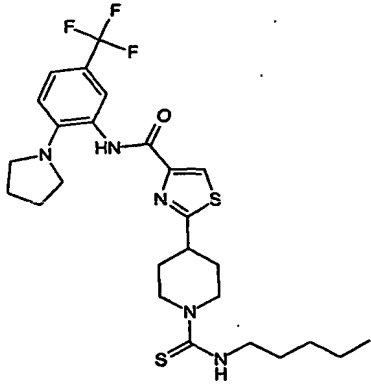
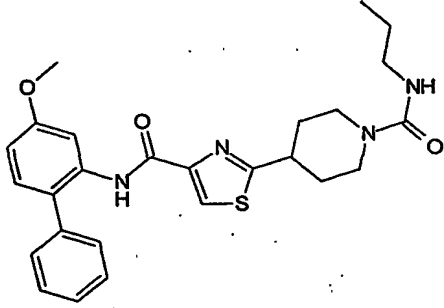
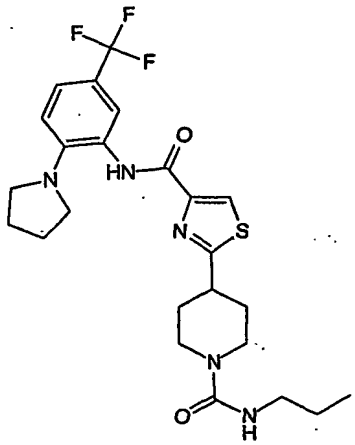
No.	FORMULA	NMR or mass
398	 <chem>CCOC(=O)C(C)NC(=S)N1CCN(CC1)c2sc(Cc3nc(C(=O)Nc4ccccc4N5CCCCC5)c3)s2</chem>	
399	 <chem>CCCCNC(=S)N1CCN(CC1)c2sc(Cc3nc(C(=O)Nc4cnc5c(C)nn(C)c45)c3)s2</chem>	
400	 <chem>CCOS(=O)(=O)N1CCN(CC1)c2sc(Cc3nc(C(=O)Nc4ccccc4)c3)s2</chem>	

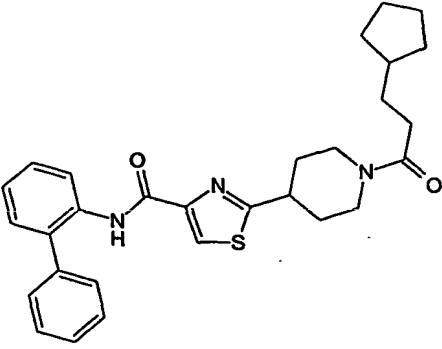
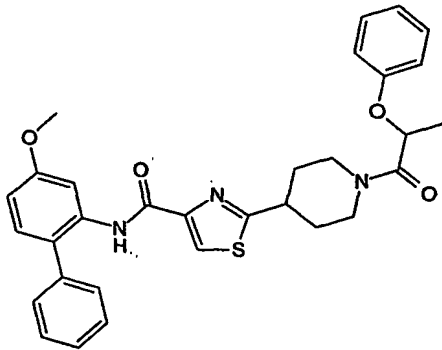
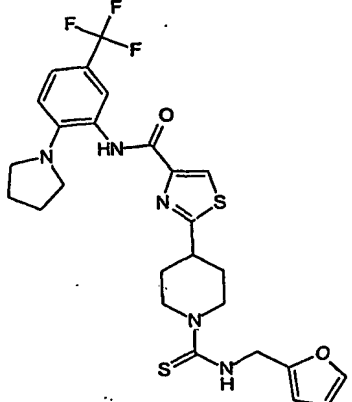
No.	FORMULA	NMR or mass
401		
402	 <p data-bbox="300 1291 1209 1354">2-[1-(butylsulfonyl)piperidin-4-yl]-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
403		

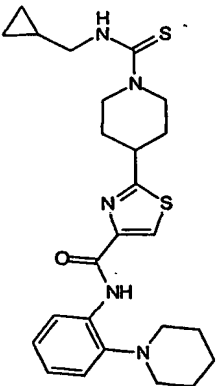
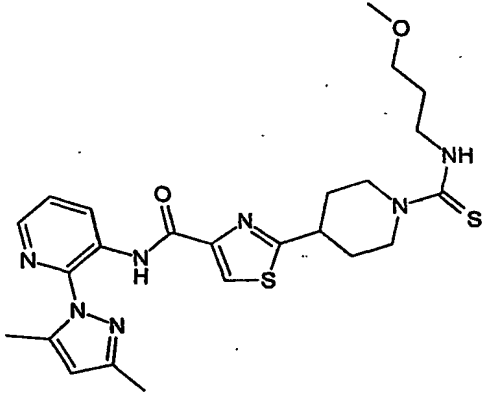
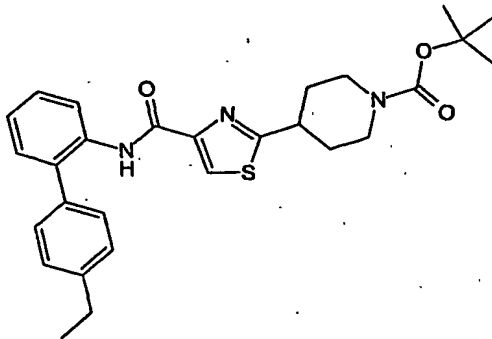
No.	FORMULA	NMR or mass
404	 <chem>CCOC(=O)CCNC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3C(C)(C)C)n2</chem>	
405	 <chem>C=CCNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2</chem>	
406	 <chem>C=CCOC(=O)N1CCCCC1c2sc(C(=O)Nc3cc(OC)ccc3-c4ccccc4)n2</chem>	
407	 <chem>CCCCNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3-c4ccccc4)n2</chem>	

No.	FORMULA	NMR or mass
408		
409	 <p data-bbox="298 1241 1219 1304">2-(1-[[[(cyclopropylmethyl)amino]carbonothioyl]piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
410		

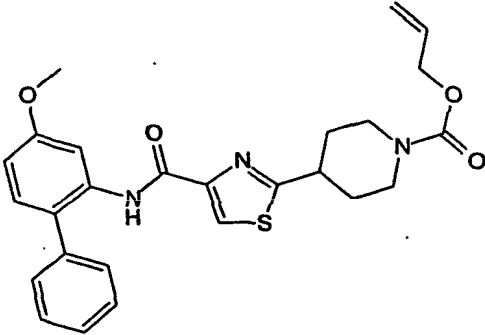
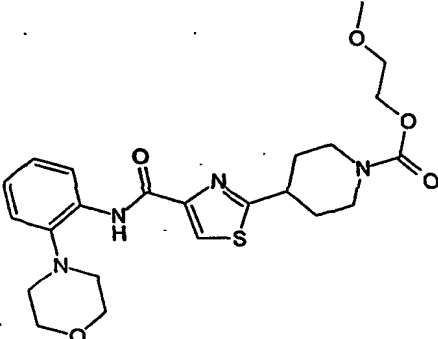
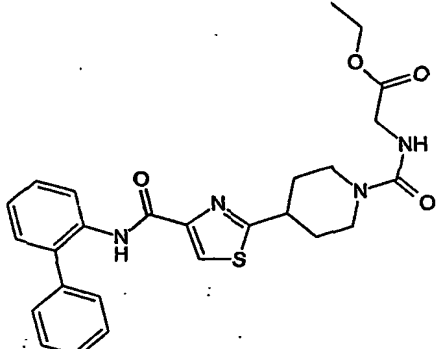
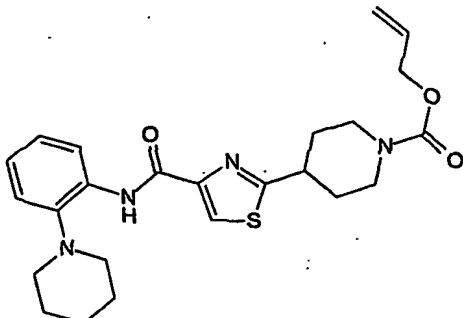


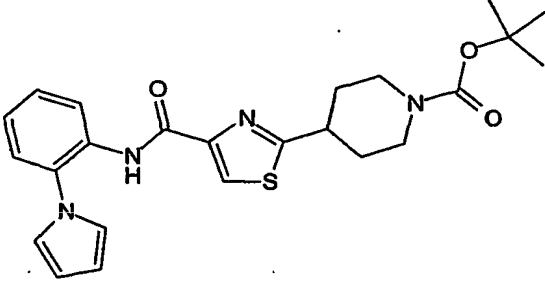
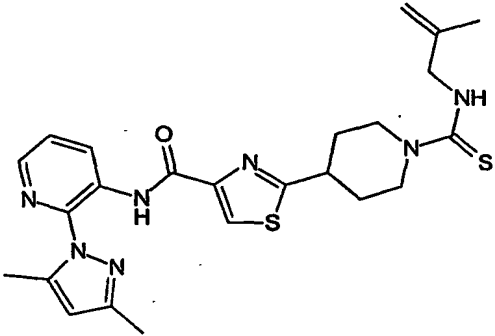
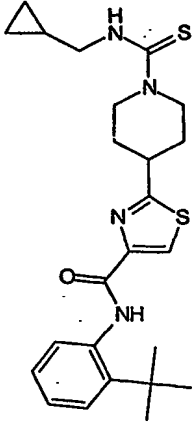
No.	FORMULA	NMR or mass
411	 <p>2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
412		
413	 <p>N-propyl-4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	

No.	FORMULA	NMR or mass
414		
415		
416	 <p data-bbox="308 1585 1218 1648">2-(1-[(2-furylmethyl)amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

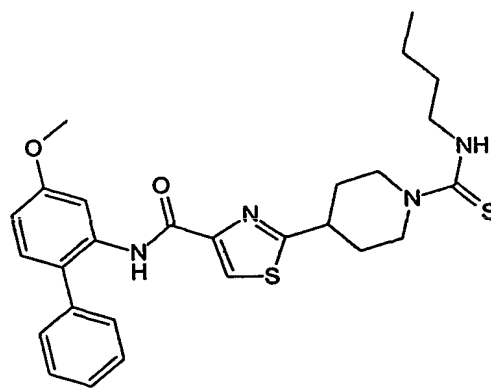
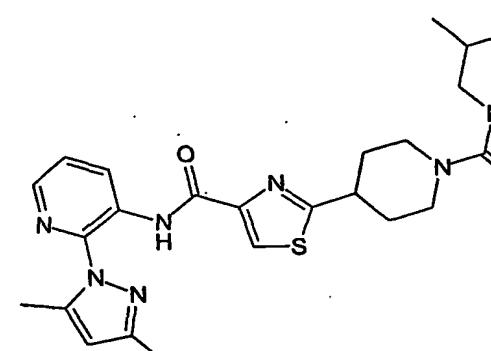
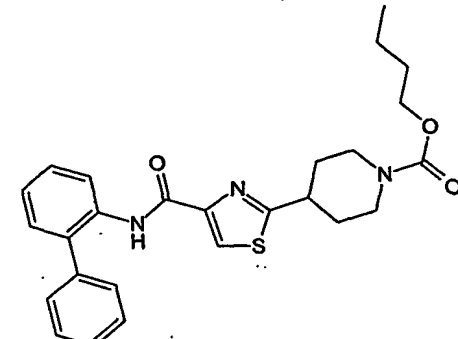
No.	FORMULA	NMR or mass
417	 <p>2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
418		
419		

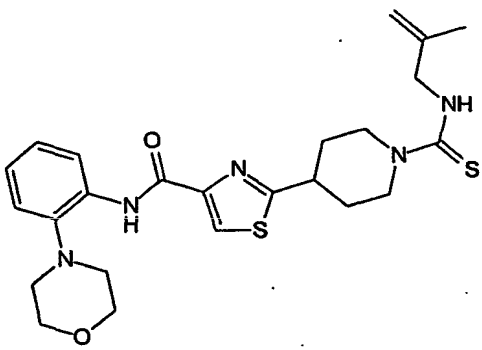
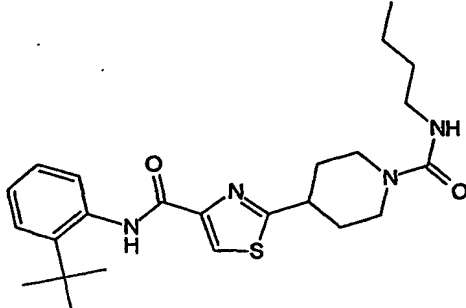
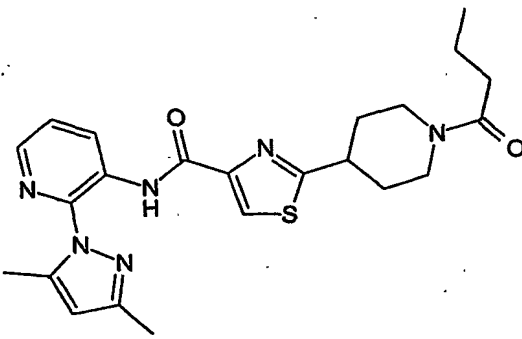
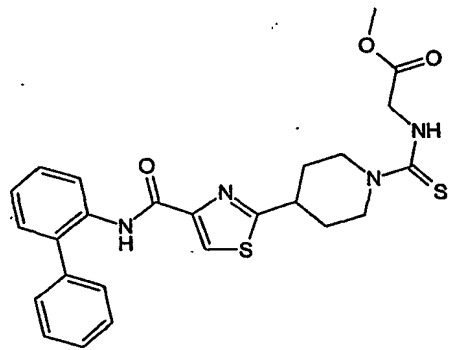
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No.	FORMULA	NMR or mass
420	 <chem>COc1ccc(cc1)NC(=O)c2cc(sc2C3CCN(CC3)COC=C)C4=CC=CC=C4</chem>	
421	 <chem>COCOC(=O)N1CCN(CC1)c2cc(sc2C3=CC=C(C=C3)NC(=O)c4ccc(cc4)N5CCOCC5)</chem>	
422	 <chem>CCOC(=O)NC(=O)N1CCN(CC1)c2cc(sc2C3=CC=C(C=C3)NC(=O)c4ccc(cc4)N5CCOCC5)</chem>	
423	 <chem>C=CCOC(=O)N1CCN(CC1)c2cc(sc2C3=CC=C(C=C3)NC(=O)c4ccc(cc4)N5CCOCC5)</chem>	

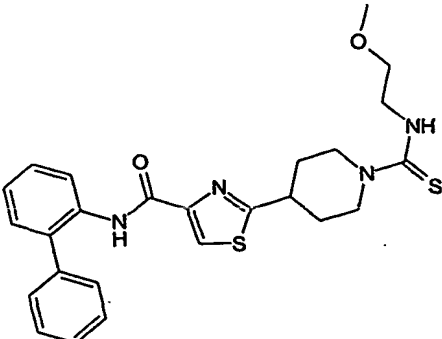
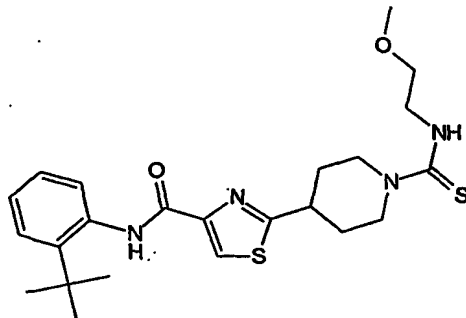
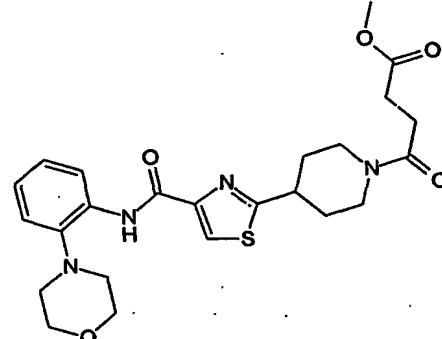
No.	FORMULA	NMR or mass
424		
425		
426	 <p data-bbox="289 1556 1130 1619">N-(2-tert-butylphenyl)-2-(1-[[[(cyclopropylmethyl)amino]carbonothioyl]-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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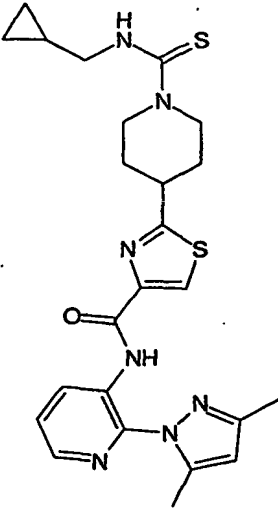
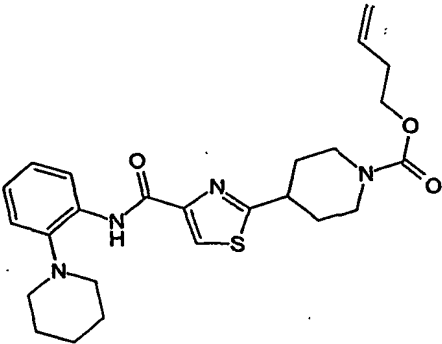
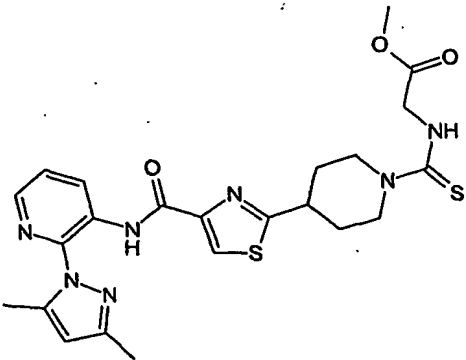
No.	FORMULA	NMR or mass
427		
428		
429		

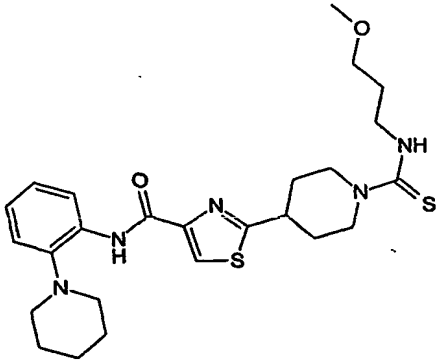
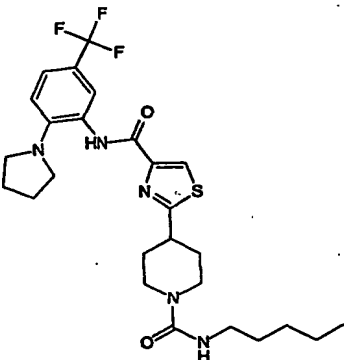
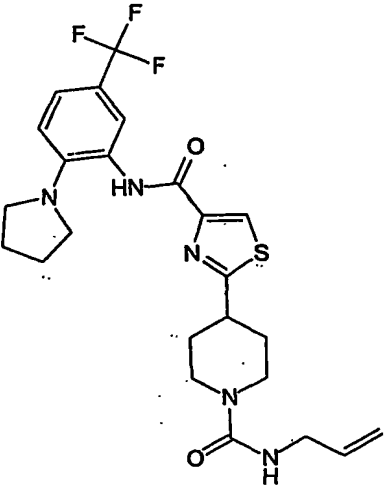
No.	FORMULA	NMR or mass
430		
431		
432		
433		

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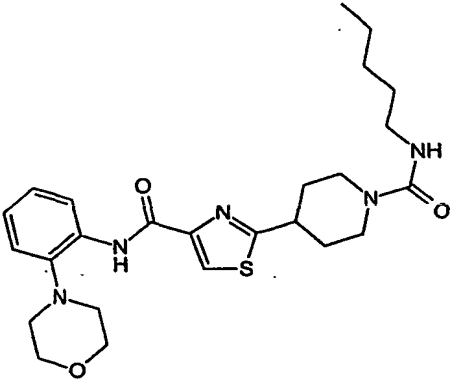
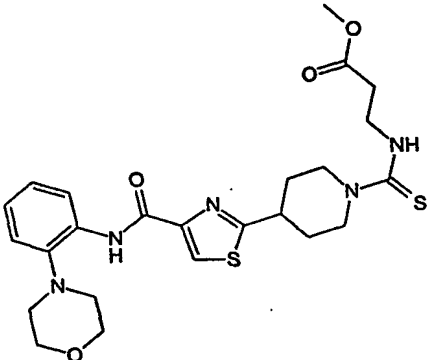
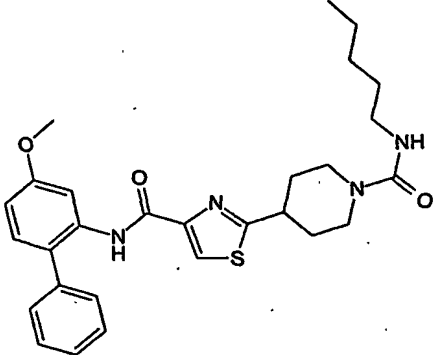
No.	FORMULA	NMR or mass
434	 <chem>COCCNC(=S)N1CCc2sc(C3=CC=C(C=C3)C(=O)NN4C=CC=C4)nc21</chem>	
435	 <chem>COCCNC(=S)N1CCc2sc(C3=CC=C(C=C3)C(=O)NN4C=CC=C4C(C)(C)C)nc21</chem>	
436	 <chem>COCC(=O)NC(=O)N1CCc2sc(C3=CC=C(C=C3)C(=O)NN4C=CC=C4C5CCOCC5)nc21</chem>	

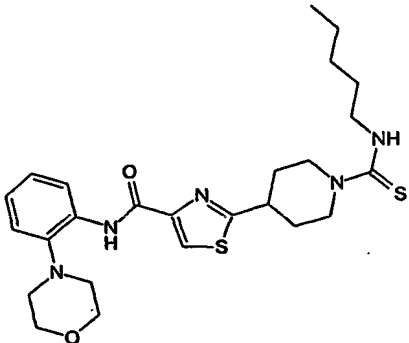
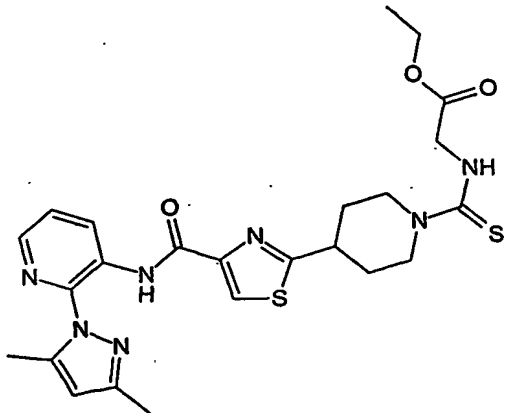
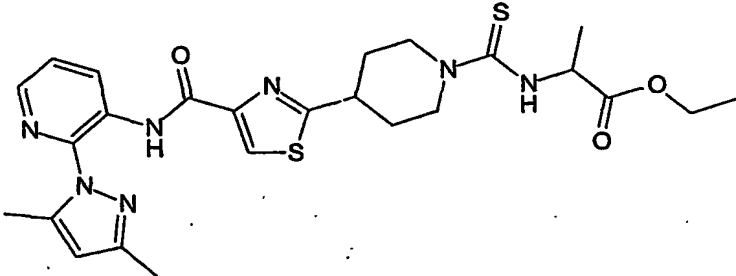


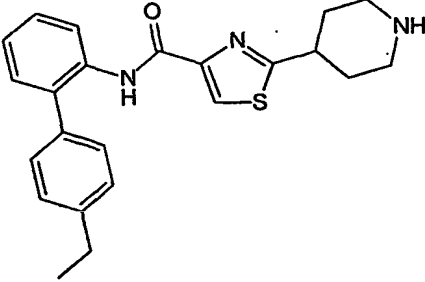
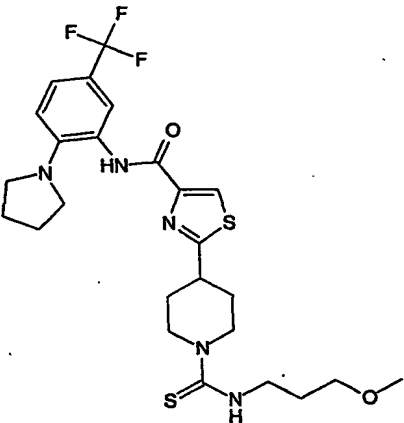
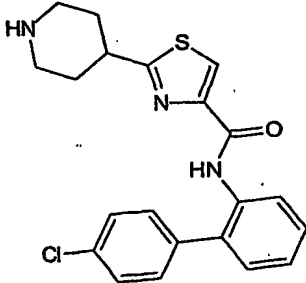
No.	FORMULA	NMR or mass
437	 <p>2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
438		
439		

No.	FORMULA	NMR or mass
440		
441	 <p data-bbox="284 1123 1185 1186">N-pentyl-4-[4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl)amino)carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	
442	 <p data-bbox="284 1764 1209 1827">N-allyl-4-[4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl)amino)carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	

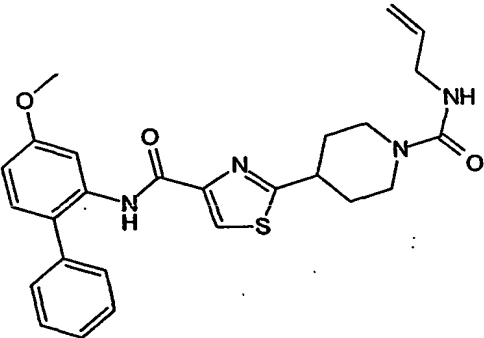
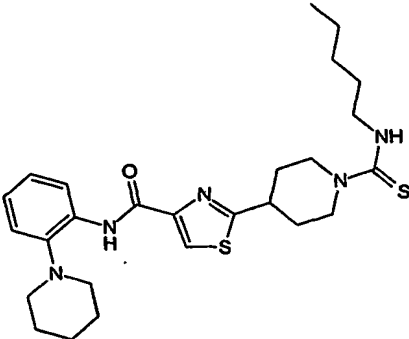
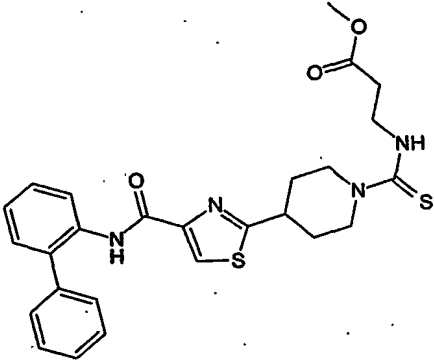
- 207 -

No.	FORMULA	NMR or mass
443	 <chem>CCCCNC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCOCC4)c5cncc5</chem>	
444	 <chem>COC(=O)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCOCC4)c5cncc5</chem>	
445	 <chem>CCCCNC(=O)N1CCCCC1c2sc(C(=O)Nc3cc(OC)c(c3)C4=CC=CC=C4)5cncc5</chem>	

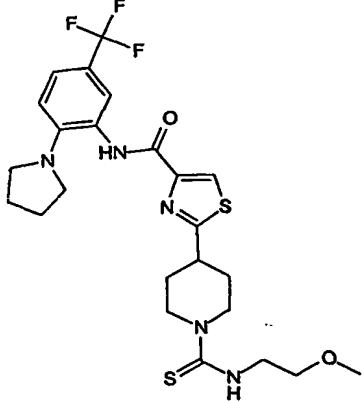
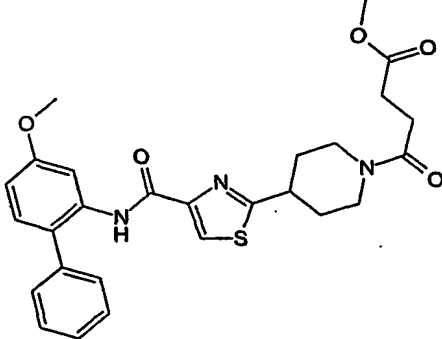
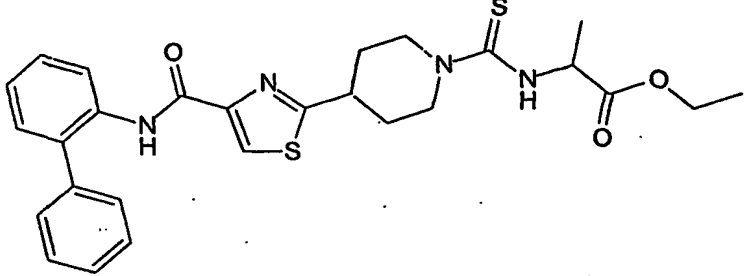
No.	FORMULA	NMR or mass
446		
447		
448		

No.	FORMULA	NMR or mass
449		
450	 <p data-bbox="284 1249 1193 1312">2-(1-(((3-methoxypropyl)amino)carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
451		

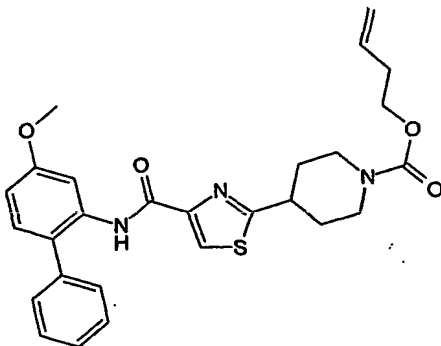
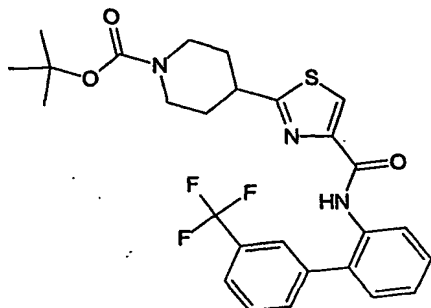
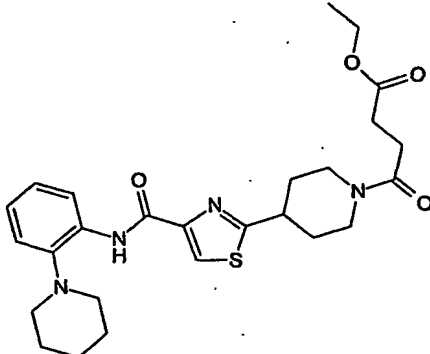
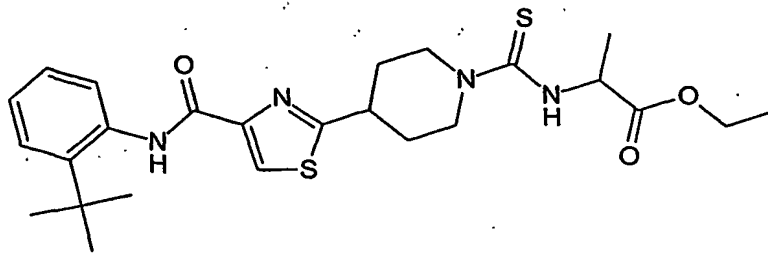
- 210 -

No.	FORMULA	NMR or mass
452		
453		
454		

- 211 -

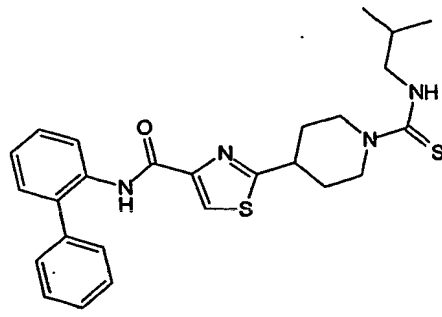
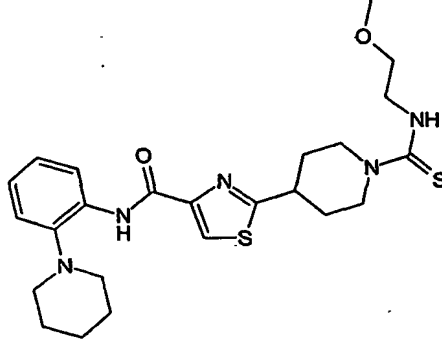
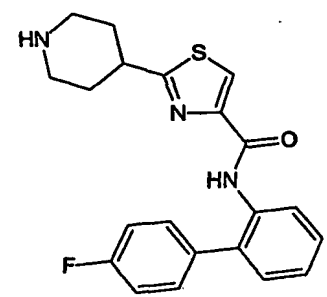
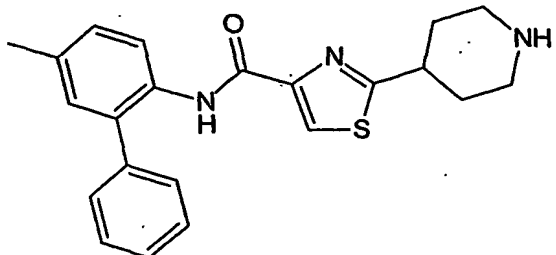
No.	FORMULA	NMR or mass
455	 <p>2-(1-[[2-methoxyethyl]amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
456		
457		

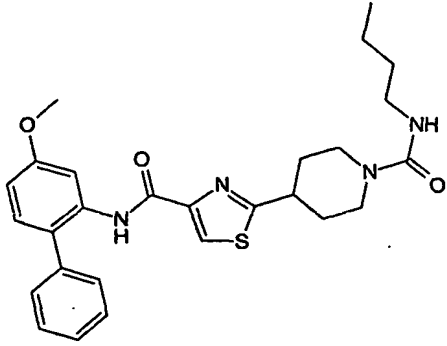
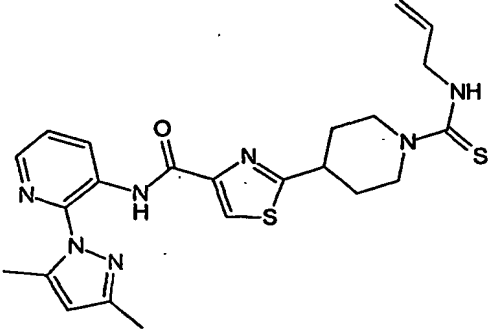
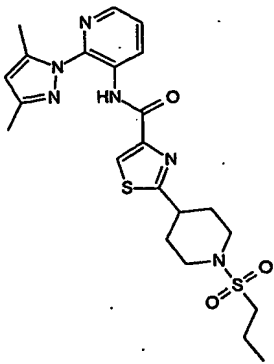
- 212 -

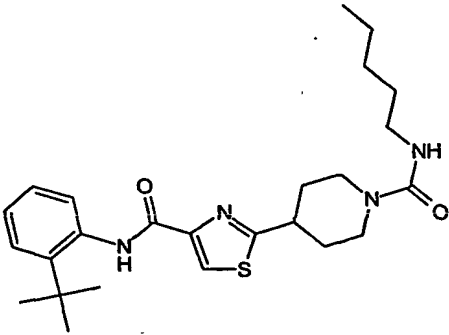
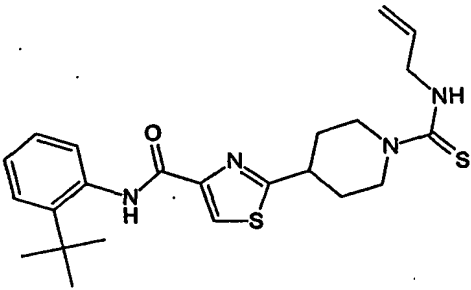
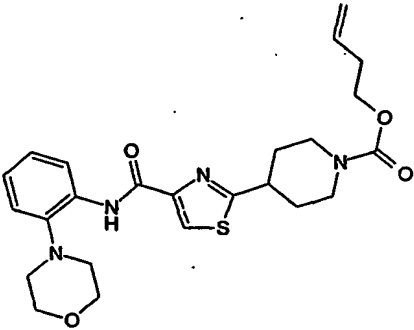
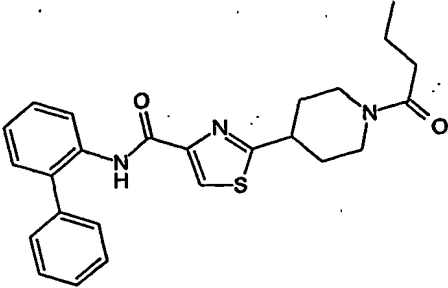
No.	FORMULA	NMR or mass
458		
459		
460		
461		

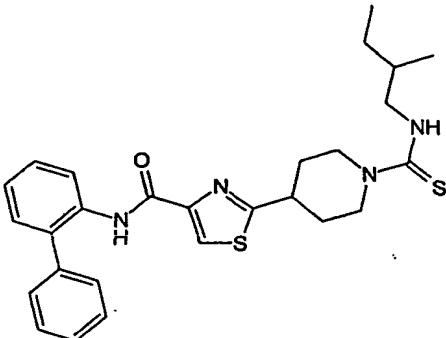
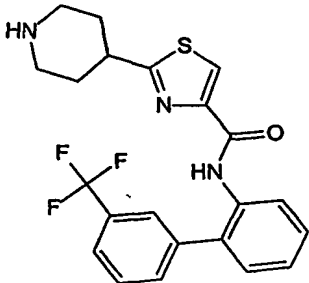
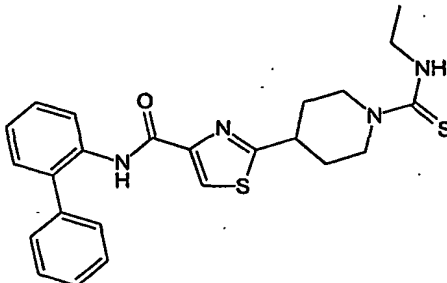
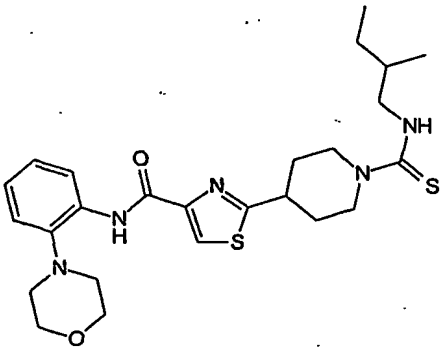


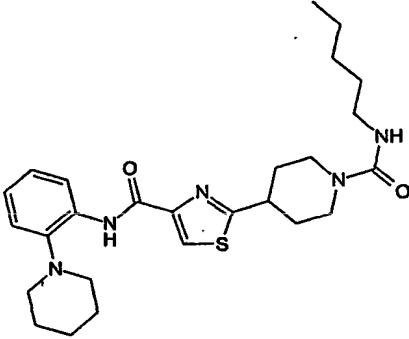
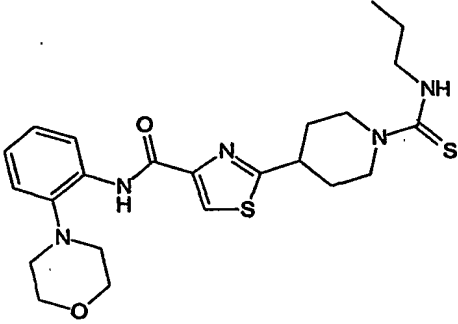
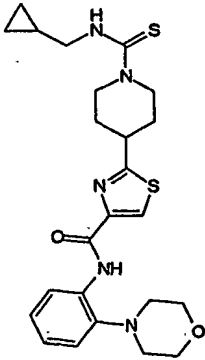
- 213 -

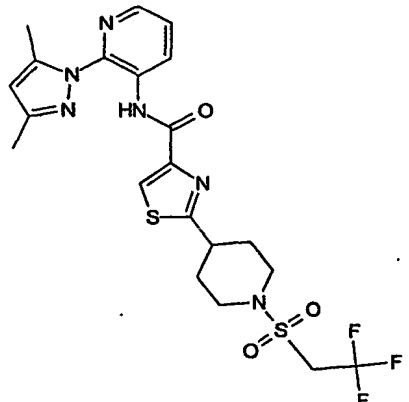
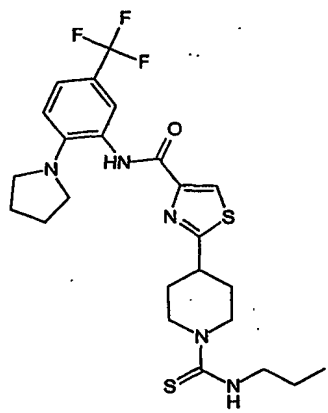
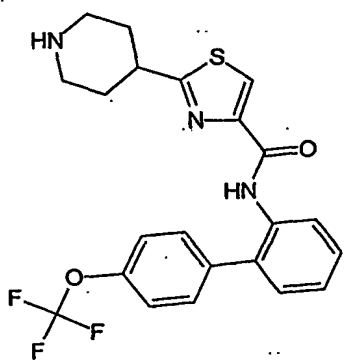
No.	FORMULA	NMR or mass
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463		
464		
465		

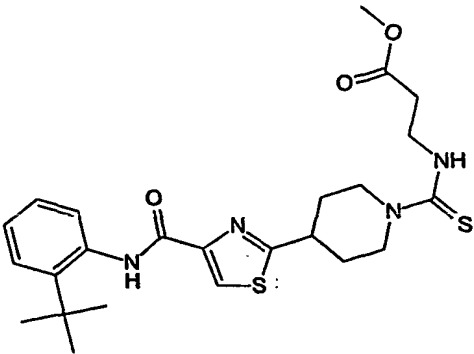
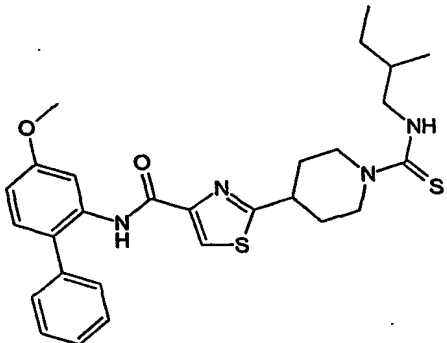
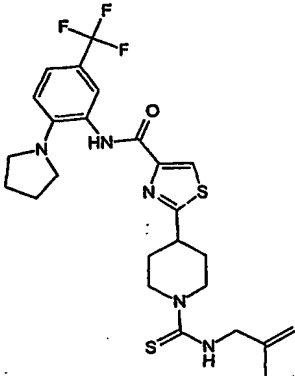
No.	FORMULA	NMR or mass
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467		
468	 <p data-bbox="297 1545 1117 1602">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(propylsulfonyl)-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

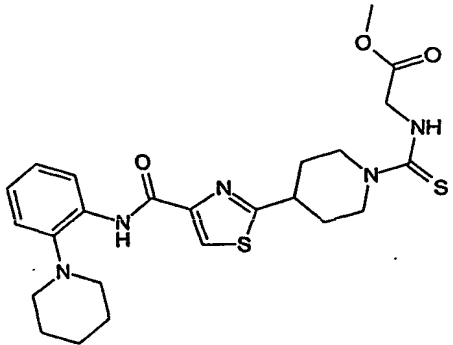
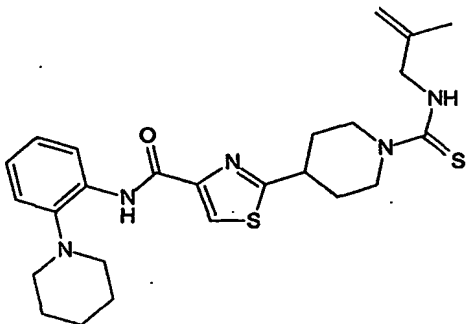
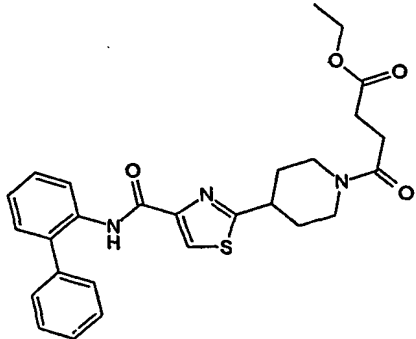
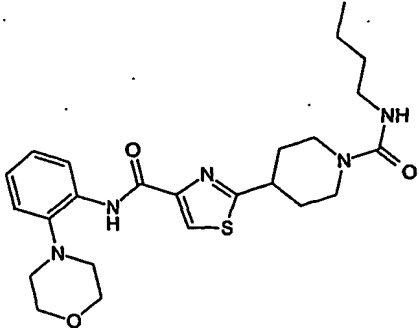
No.	FORMULA	NMR or mass
469	 <chem>CCCCNC(=O)N1CC[C@H](c2nc(C(=O)Nc3ccc(C(C)(C)C)cc3)s2)CC1</chem>	
470	 <chem>C=CNCS(=O)N1CC[C@H](c2nc(C(=O)Nc3ccc(C(C)(C)C)cc3)s2)CC1</chem>	
471	 <chem>C=CCOC(=O)N1CC[C@H](c2nc(C(=O)Nc3ccc(N4CCOCC4)cc3)s2)CC1</chem>	
472	 <chem>CCC(=O)N1CC[C@H](c2nc(C(=O)Nc3ccccc3-c4ccccc4)s2)CC1</chem>	

No.	FORMULA	NMR or mass
473	 <chem>CC(C)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3c4ccccc4)n2</chem>	
474	 <chem>FC1(F)F(c2ccccc2Nc3ccccc3C(=O)c4nc(C5CCCCC5)cs4)c6ccccc6</chem>	
475	 <chem>CCNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3c4ccccc4)n2</chem>	
476	 <chem>CC(C)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3c4ccccc4N5CCOCC5)n2</chem>	

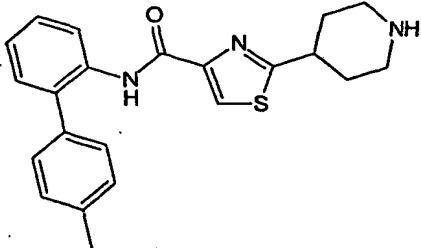
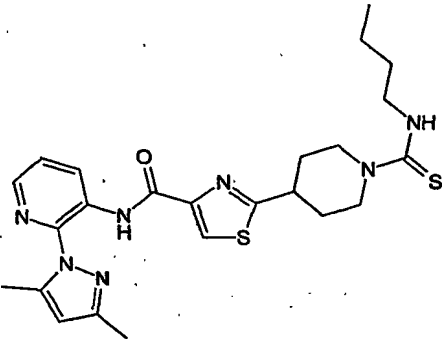
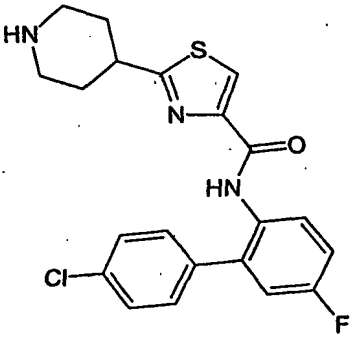
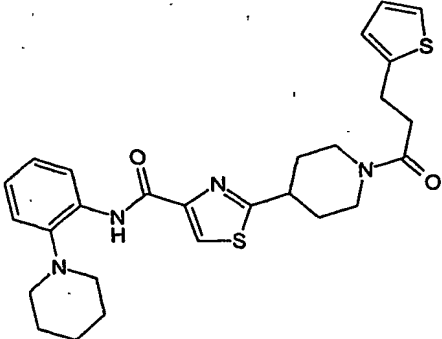
No.	FORMULA	NMR or mass
477		
478		
479		2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide

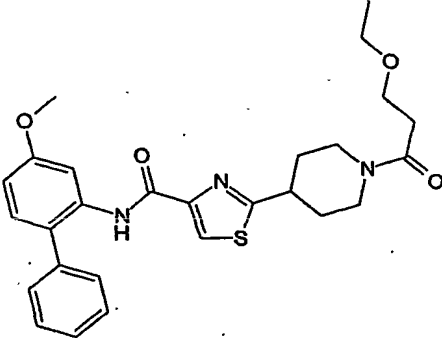
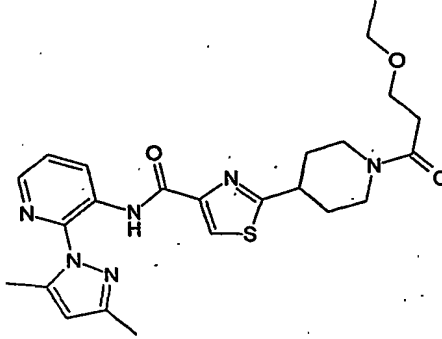
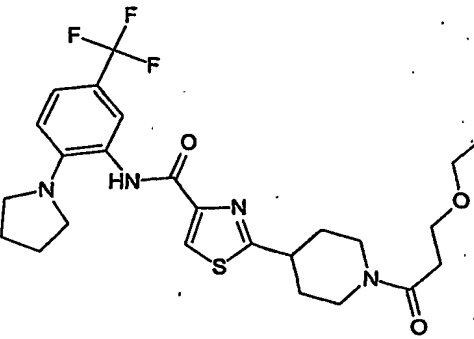
No.	FORMULA	NMR or mass
480	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
481	 <p>2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
482		

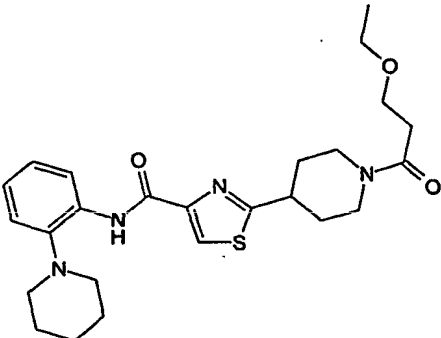
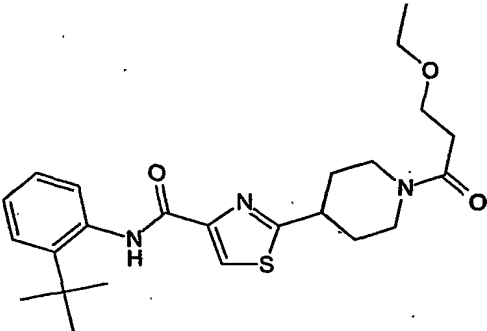
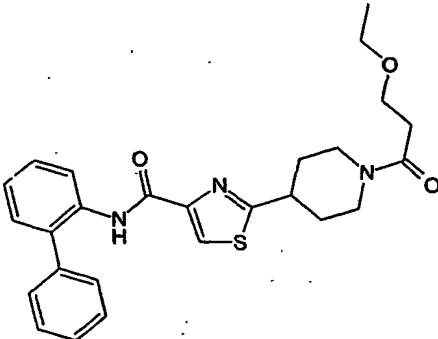
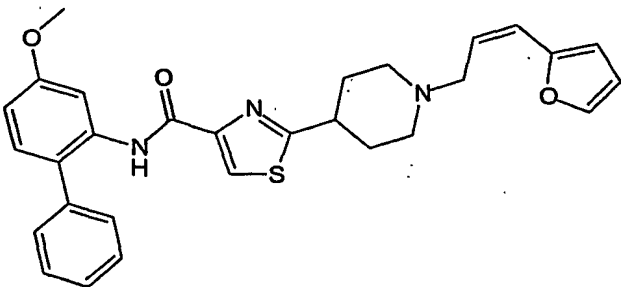
No.	FORMULA	NMR or mass
483		
484		
485	 <p data-bbox="284 1543 1144 1606">2-(1-[[[2-methylprop-2-en-1-yl]amino]carbonothioyl]piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

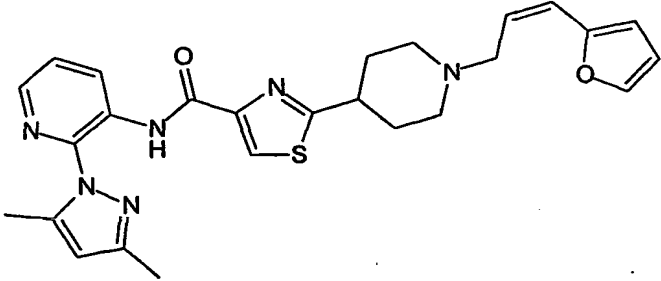
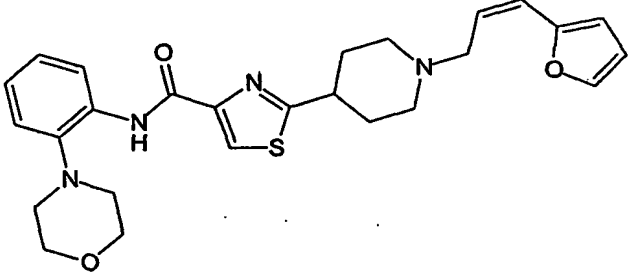
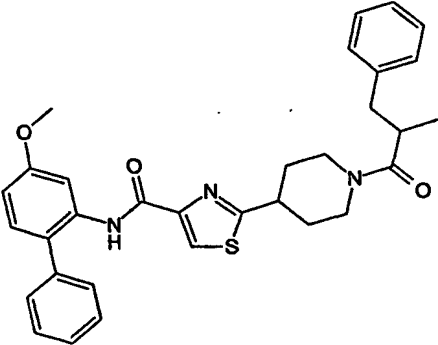
No.	FORMULA	NMR or mass
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487		
488		
489		

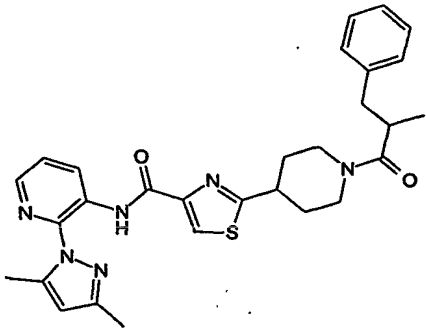
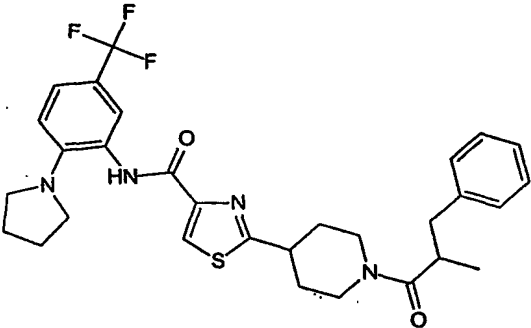
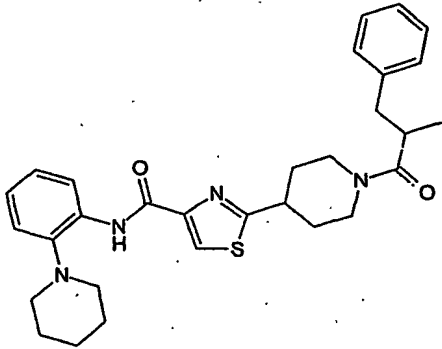


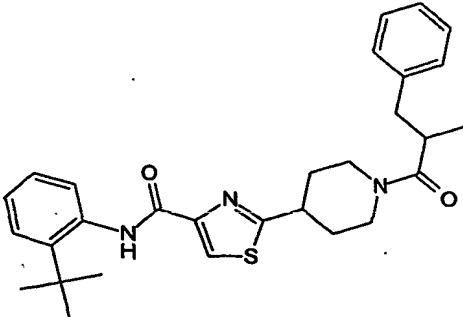
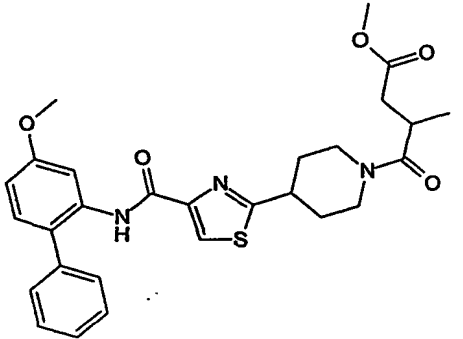
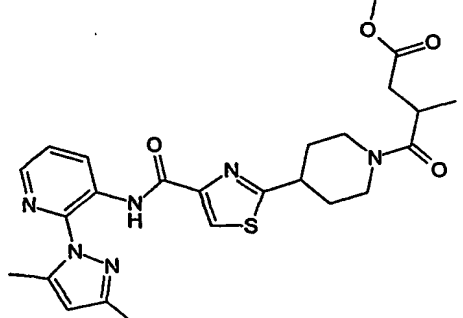
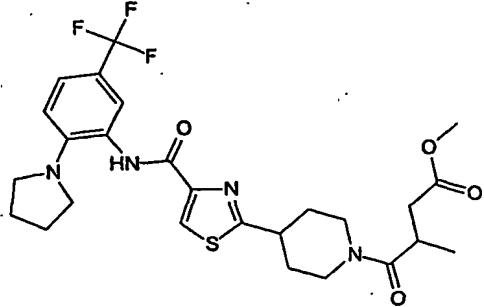
No.	FORMULA	NMR or mass
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491	 <p data-bbox="280 1018 1112 1081">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
492		
493		

No.	FORMULA	NMR or mass
494	 <chem>COc1ccc(cc1)NC(=O)c2ccsc2C3CCN(CC3)C(=O)CCOC</chem>	
495	 <chem>Cc1cc2nc(C)n2cc1NC(=O)c3ccsc3C4CCN(CC4)C(=O)CCOC</chem>	
496	 <chem>C1CCN(C1)c2ccc(cc2C(=O)Nc3ccsc3C4CCN(CC4)C(=O)CCOC)C(F)(F)F</chem>	

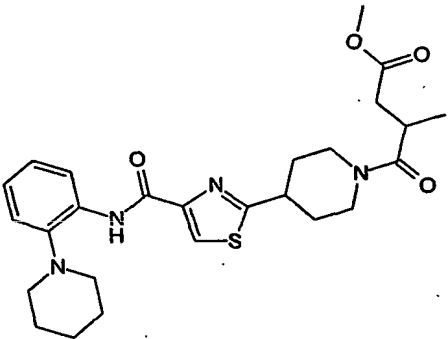
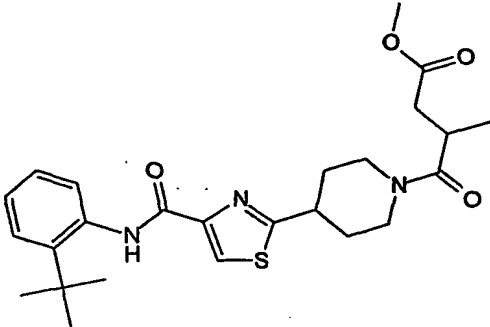
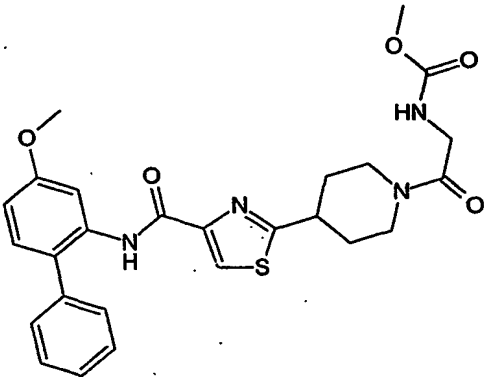
No.	FORMULA	NMR or mass
497	 <chem>CCOC(=O)CN1CCCCC1c2nc(C3C(=O)N(C4CCCCC4)c5ccccc35)s2</chem>	
498	 <chem>CCOC(=O)CN1CCCCC1c2nc(C3C(=O)N(C4CCCCC4)c5ccccc35)s2C6=CC=C(C=C6)C(=O)N7C=CC(=CC=C7)C(C)(C)C</chem>	
499	 <chem>CCOC(=O)CN1CCCCC1c2nc(C3C(=O)N(C4CCCCC4)c5ccccc35)s2C6=CC=C(C=C6)C(=O)N7C(=CC=C7)C8C=CC=CC=C8C7</chem>	
500	 <chem>COc1ccc(cc1C2=CC=CC=C2)C(=O)N3C=CC(=CS3)c4c5cnc(C6C(=O)N(C7CCCCC7)C8=CC=C(C=C8)C9C=CC=C(C=C9)O5)cc4</chem>	

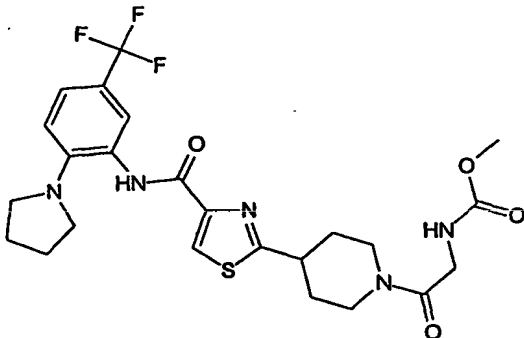
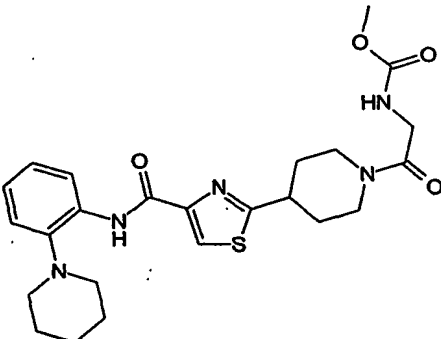
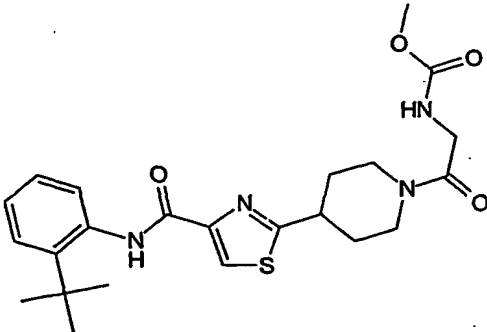
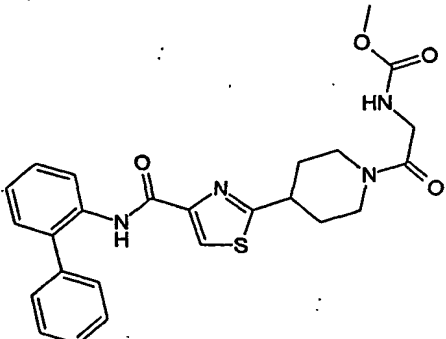
No.	FORMULA	NMR or mass
501	 <chem>Cc1cnc2cc(C)ccn12C(=O)Nc3ccncc3C4=CN=C(S4)C5CCN(CC5)C/C=C/C6=CC=CO6</chem>	
502	 <chem>C1CCN(CC1)c2ccccc2C(=O)Nc3ccncc3C4=CN=C(S4)C5CCN(CC5)C/C=C/C6=CC=CO6</chem>	
503	 <chem>COc1cc(Cc2ccccc2)ccc1C(=O)Nc3ccncc3C4=CN=C(S4)C5CCN(CC5)C(=O)C(C)Cc6ccccc6</chem>	

No.	FORMULA	NMR or mass
504	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
505	 <p>N-[2-(4-(trifluoromethyl)phenyl)-1H-pyrrolidin-3-yl]-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
506	 <p>N-[2-(1,4-dihydro-2H-pyridin-3-yl)-1H-pyrrolidin-3-yl]-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

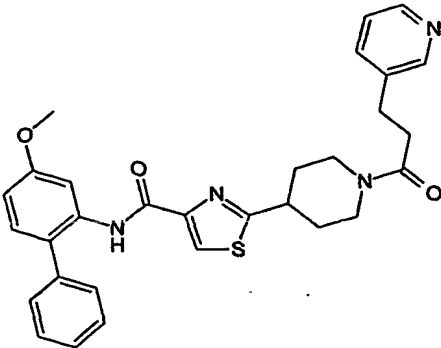
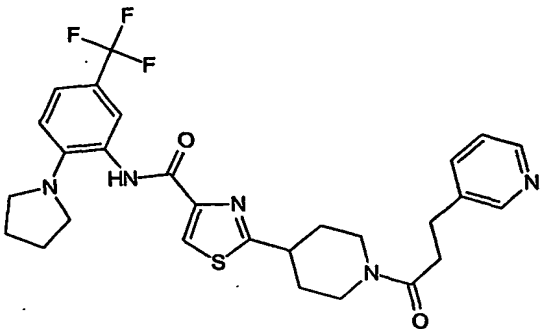
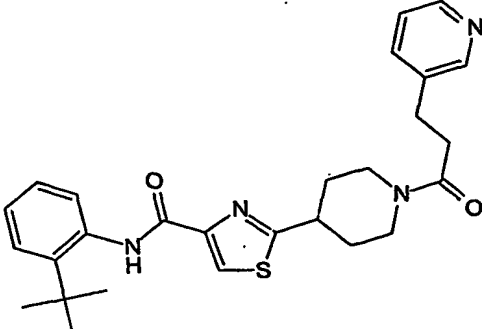
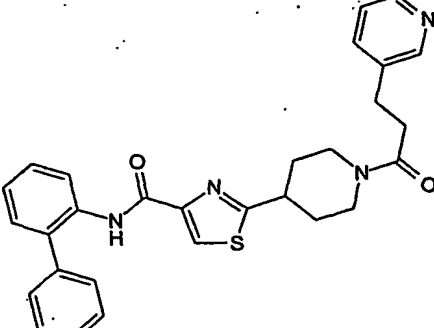
No.	FORMULA	NMR or mass
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508		
509		
510		

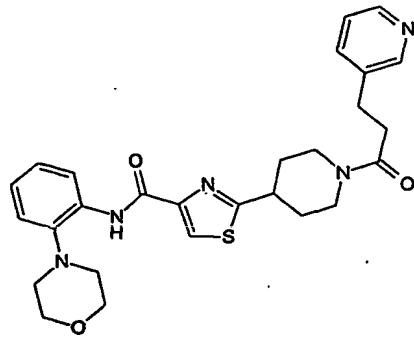
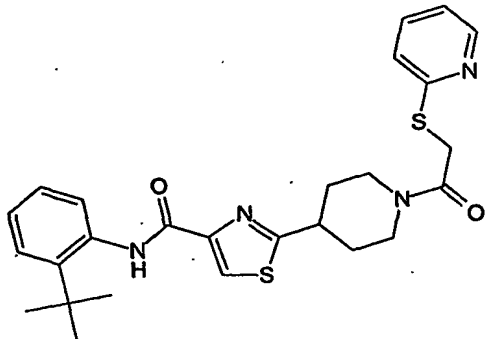
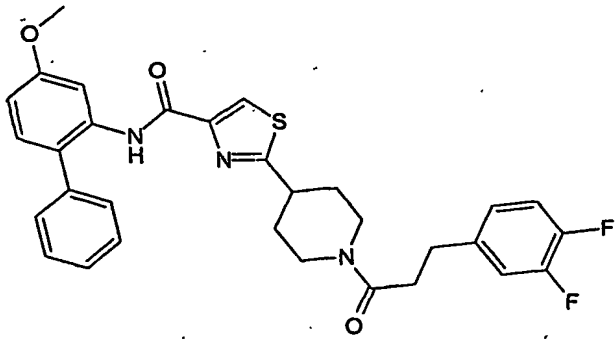
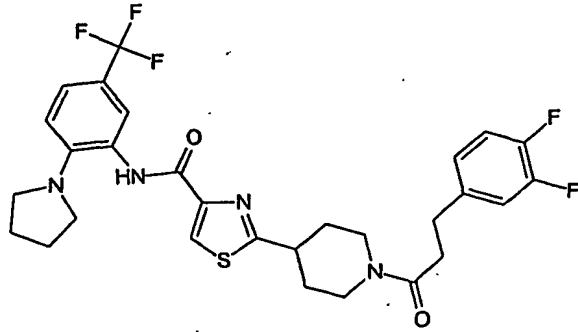
- 227 -

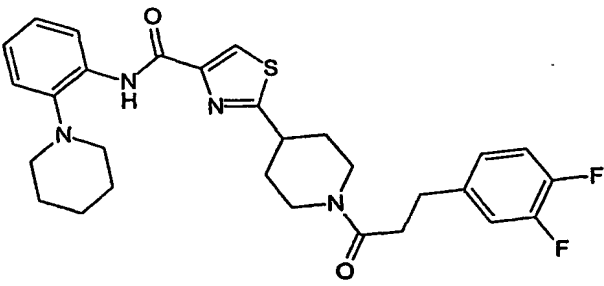
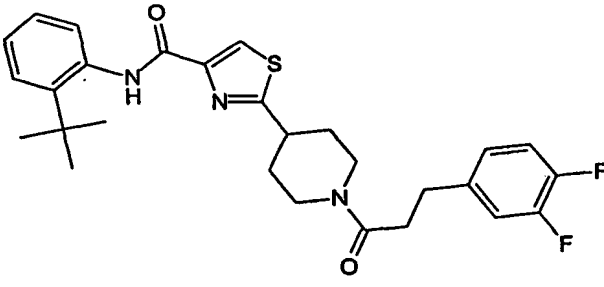
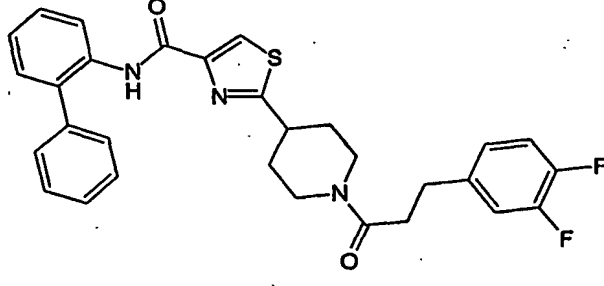
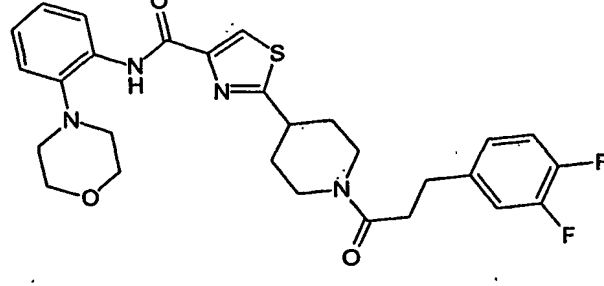
No.	FORMULA	NMR or mass
511	 <chem>CC(C)C(=O)N1CCN(C1)C(=O)Nc2cc(C(=O)Nc3ccccc3N4CCCC4)c(C(=O)Nc5ccccc5N6CCCC6)c5</chem>	
512	 <chem>CC(C)C(=O)N1CCN(C1)C(=O)Nc2cc(C(=O)Nc3ccccc3N4CCCC4)c(C(=O)Nc5ccccc5N6CCCC6)c5</chem>	
513	 <chem>CC(C)C(=O)N1CCN(C1)C(=O)Nc2cc(C(=O)Nc3ccccc3N4CCCC4)c(C(=O)Nc5ccccc5N6CCCC6)c5</chem>	

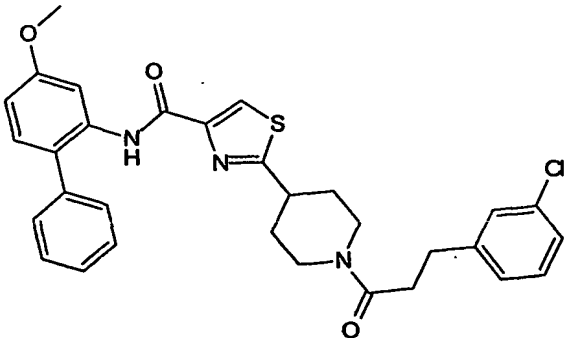
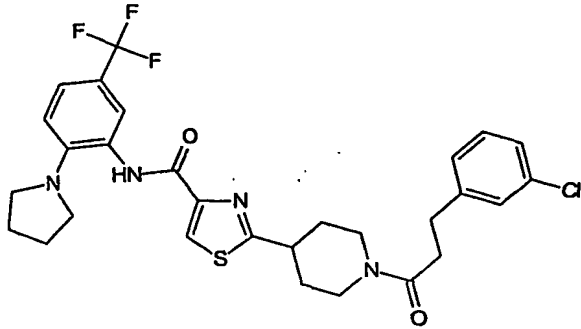
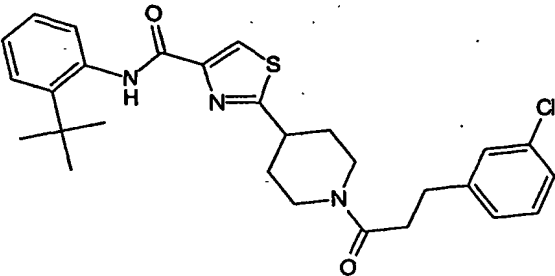
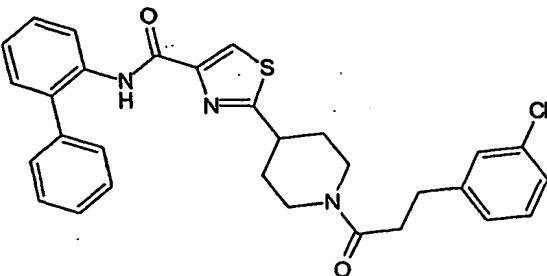
No.	FORMULA	NMR or mass
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515		
516		
517		



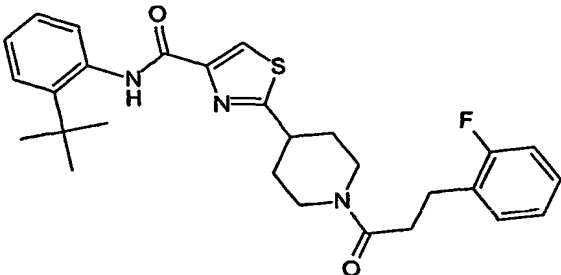
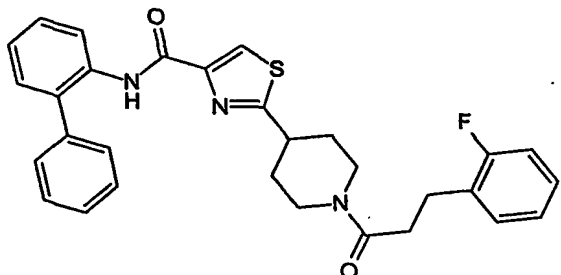
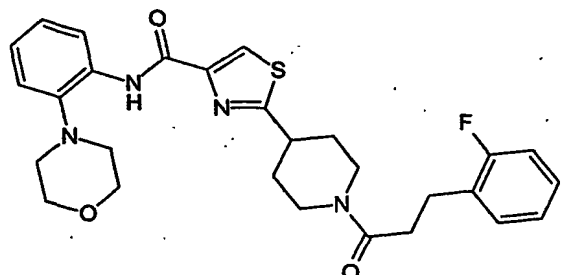
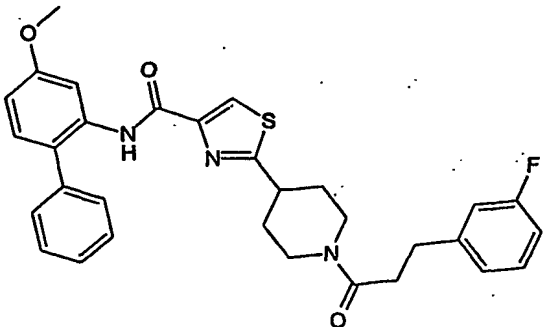
No.	FORMULA	NMR or mass
518	 <chem>COc1ccc(cc1)NC(=O)c2nc(s2)C3CCN(CC3)C(=O)CCc4ccncc4</chem>	
519	 <chem>FC(F)(F)c1ccc(cc1)NC(=O)c2nc(s2)C3CCN(CC3)C(=O)CCc4ccncc4</chem>	
520	 <chem>CC(C)(C)c1ccc(cc1)NC(=O)c2nc(s2)C3CCN(CC3)C(=O)CCc4ccncc4</chem>	
521	 <chem>c1ccc(cc1)NC(=O)c2nc(s2)C3CCN(CC3)C(=O)CCc4ccncc4</chem>	

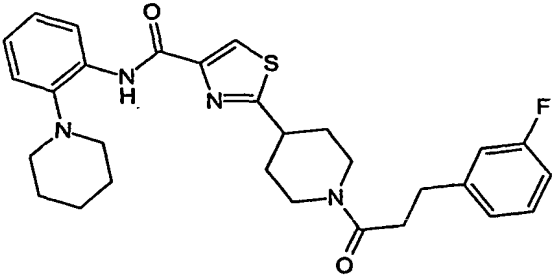
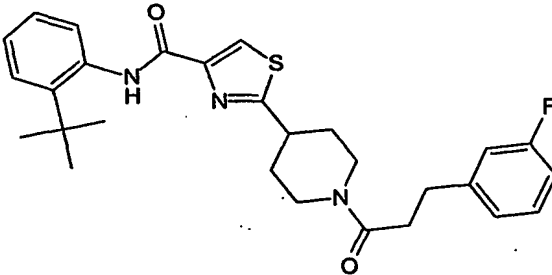
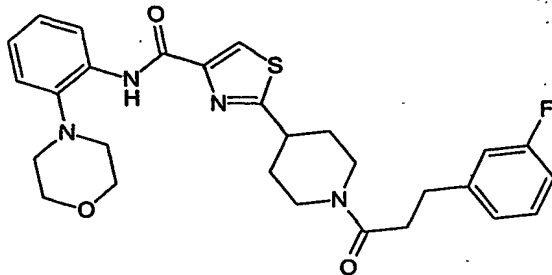
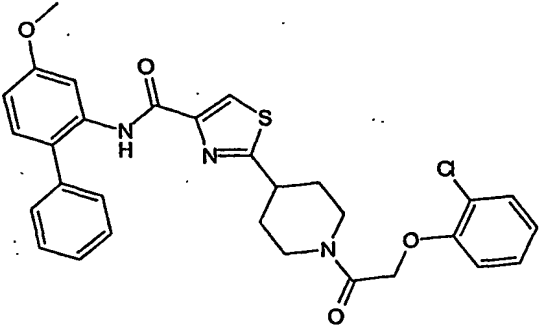
No.	FORMULA	NMR or mass
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523		
524		
525		

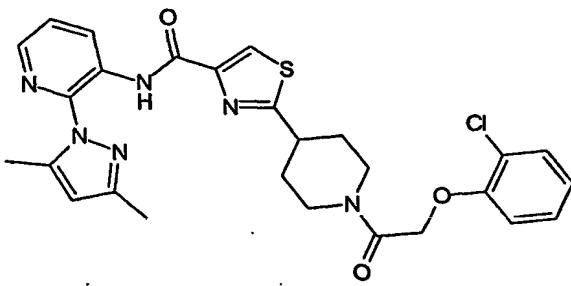
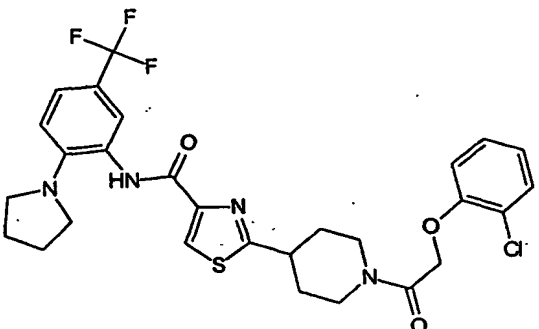
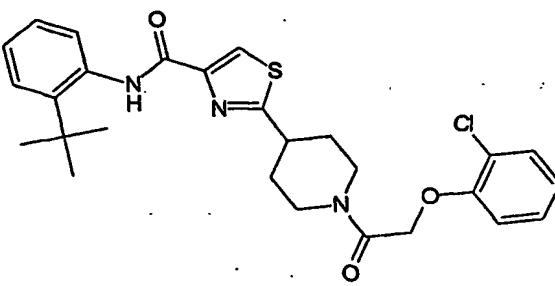
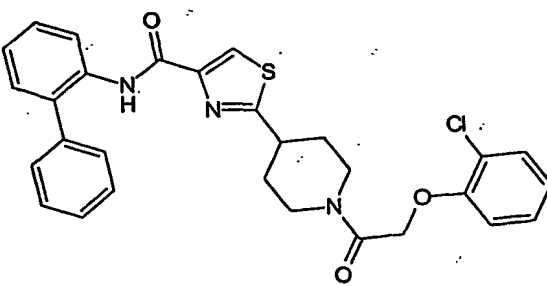
No.	FORMULA	NMR or mass
526	 <chem>Nc1ccccc1N2CCCCC2C(=O)Nc3ccsc3C4CCN(CCC5=CC=C(C=C5)F)CC4</chem>	
527	 <chem>CC(C)(C)c1ccccc1NC(=O)c2ccsc2C3CCN(CCC4=CC=C(C=C4)F)CC3</chem>	
528	 <chem>c1ccccc1NC(=O)c2ccsc2C3CCN(CCC4=CC=C(C=C4)F)CC3c5ccccc5</chem>	
529	 <chem>C1CCN(CCC2=CC=C(C=C2)F)CC1C3=CN=C(S3)C(=O)Nc4ccccc4N5CCOCC5</chem>	

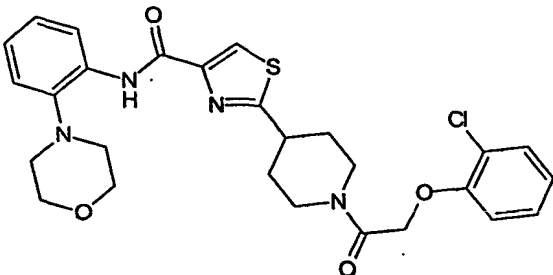
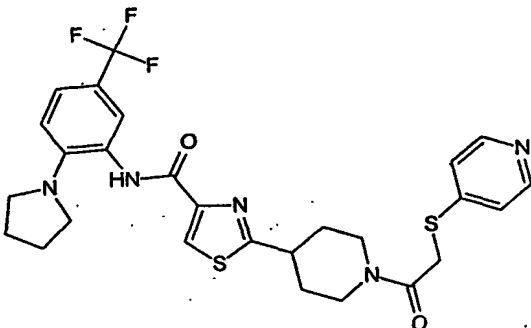
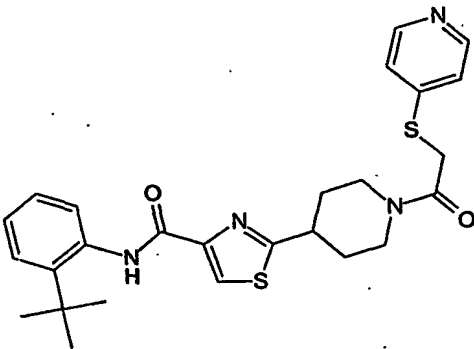
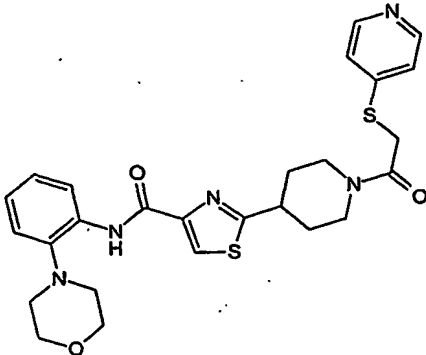
No.	FORMULA	NMR or mass
530	 <chem>COc1ccc(cc1)NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4</chem>	
531	 <chem>FC(F)(F)c1cccc(c1)NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4</chem>	
532	 <chem>CC(C)(C)c1ccccc1NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4</chem>	
533	 <chem>c1ccc(cc1)C2=CC=CC=C2NC(=O)c3nc(s3)C4CCN(C4)C(=O)CCc5ccc(Cl)cc5</chem>	

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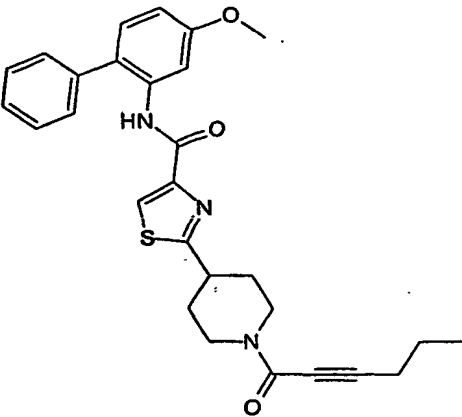
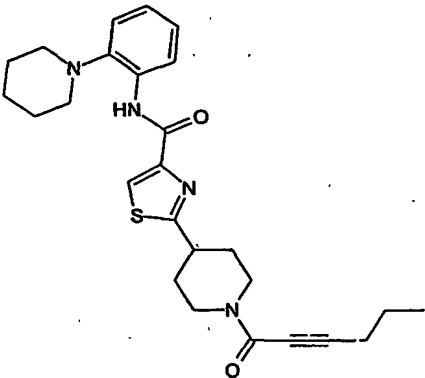
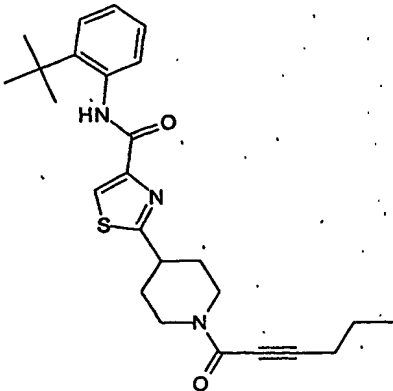
No.	FORMULA	NMR or mass
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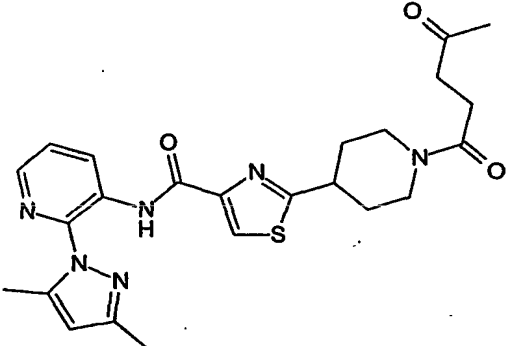
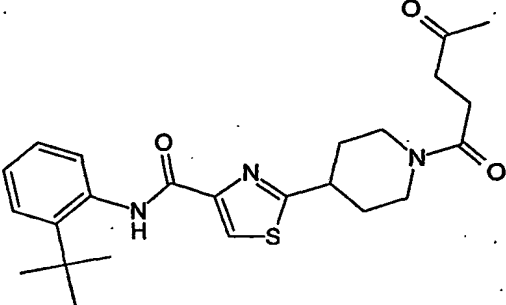
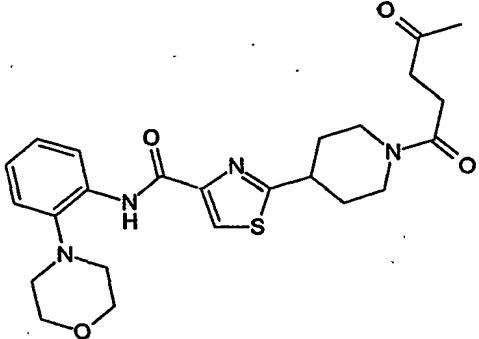
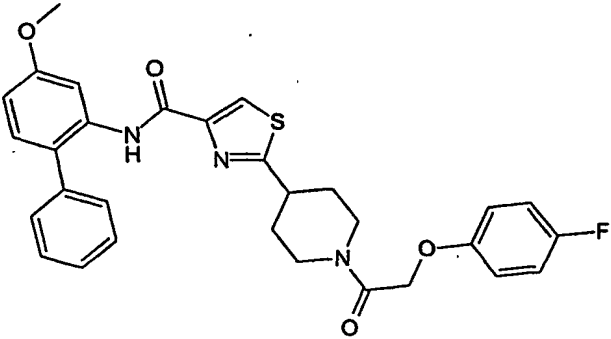
No.	FORMULA	NMR or mass
538	 <chem>CC1(CCN(C1)C(=O)Nc2ccccc2)C3=NC(=S)C=C3C4CCN(C4)C(=O)CCc5ccc(F)cc5</chem>	
539	 <chem>CC1(C)C(C=C1)C2=CC(=CC=C2)C(=O)Nc3ccccc3C4=NC(=S)C=C4C5CCN(C5)C(=O)CCc6ccc(F)cc6</chem>	
540	 <chem>C1CCN(C1)C(=O)Nc2ccccc2C3=NC(=S)C=C3C4CCN(C4)C(=O)CCc5ccc(F)cc5</chem>	
541	 <chem>COc1ccc(cc1-c2ccccc2)C(=O)Nc3ccccc3C4=NC(=S)C=C4C5CCN(C5)C(=O)CCOc6ccc(Cl)cc6</chem>	

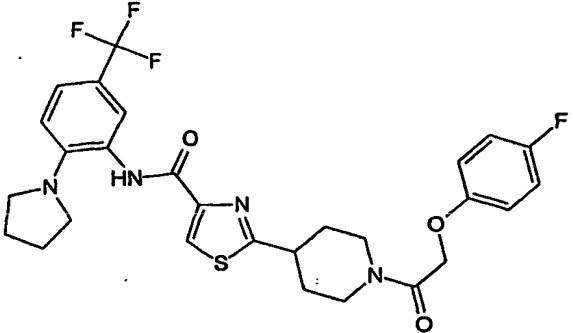
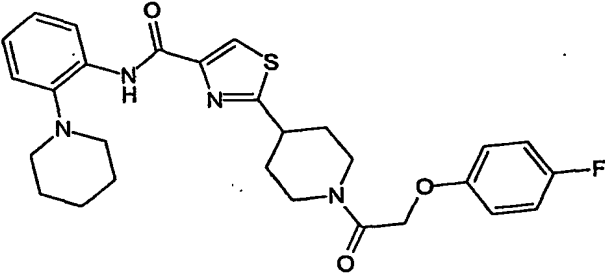
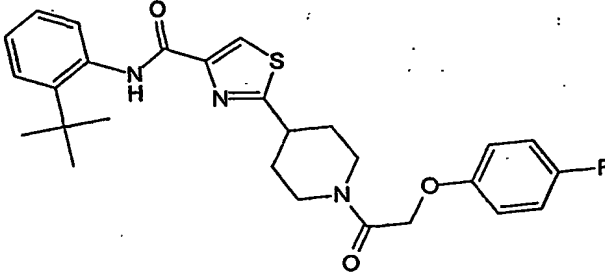
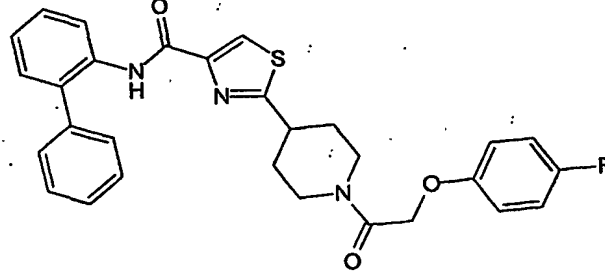
No.	FORMULA	NMR or mass
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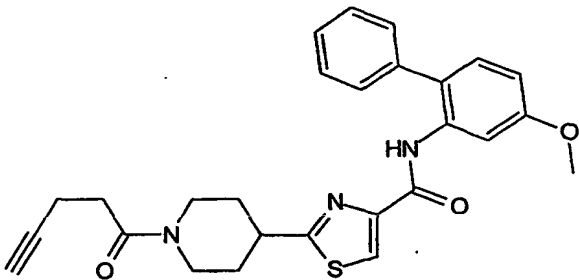
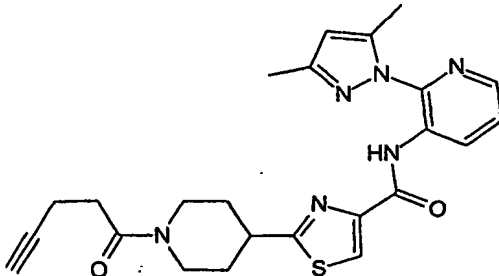
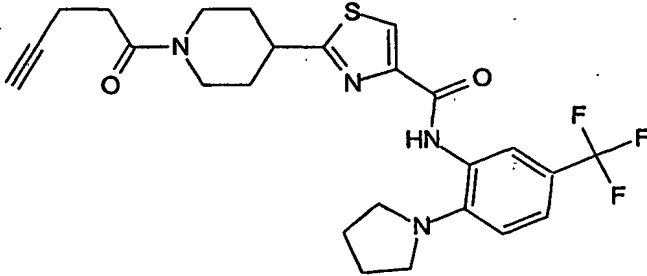
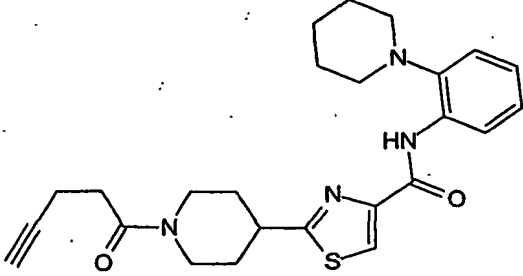
No.	FORMULA	NMR or mass
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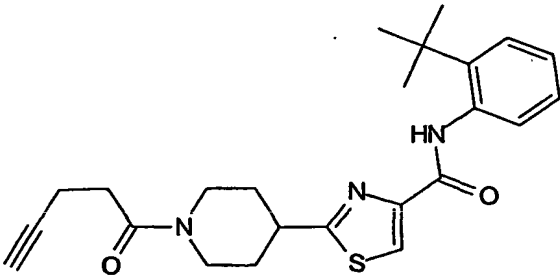
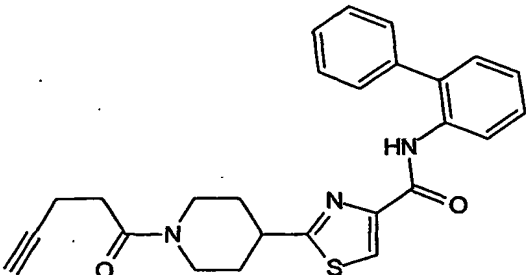
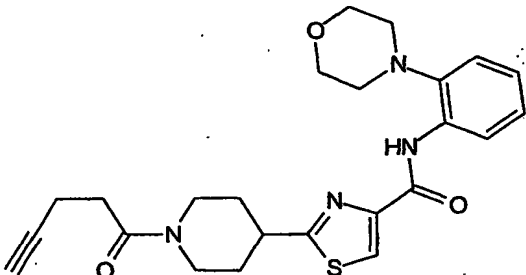
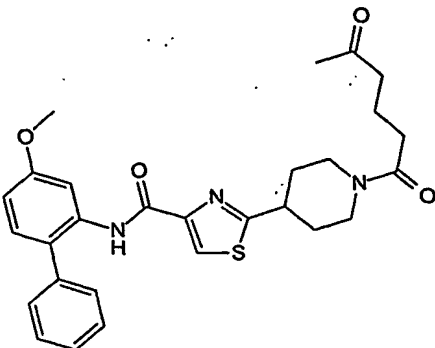


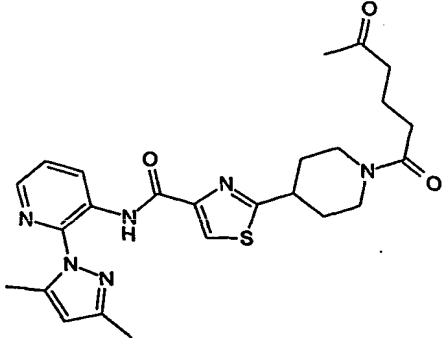
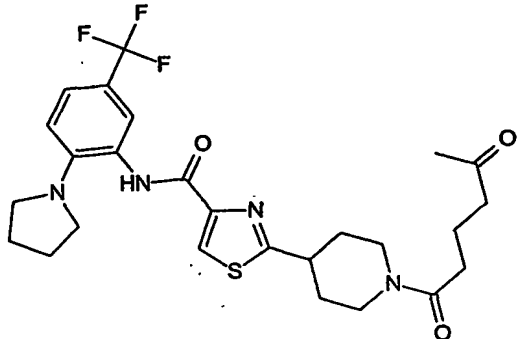
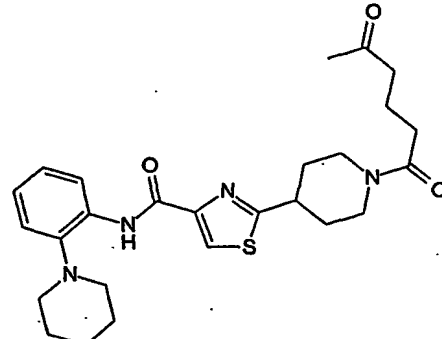
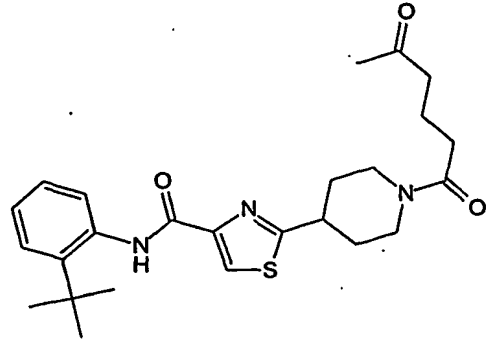
No.	FORMULA	NMR or mass
550	 <p data-bbox="289 821 1179 871">2-(1-hex-2-ynoylpiperidin-4-yl)-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
551	 <p data-bbox="289 1287 1159 1337">2-(1-hex-2-ynoylpiperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
552	 <p data-bbox="289 1797 1105 1848">N-(2-tert-butylphenyl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

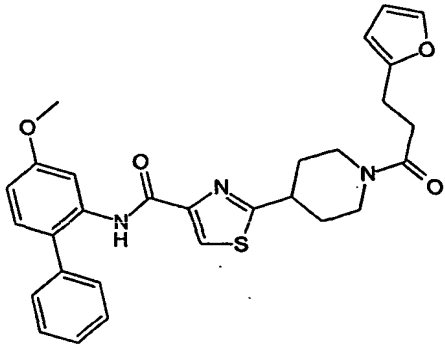
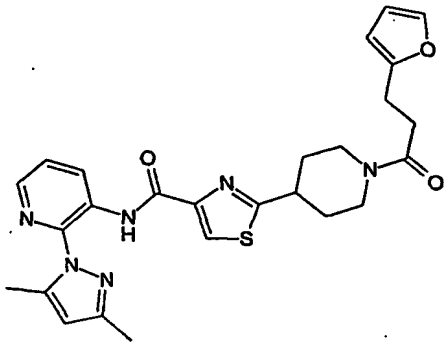
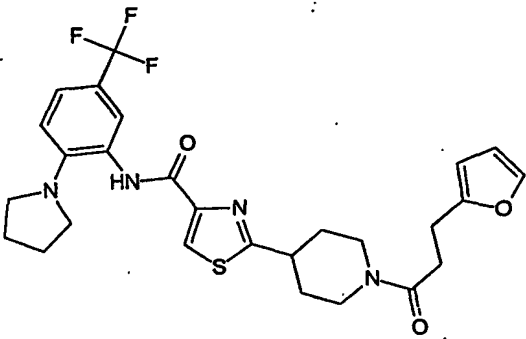
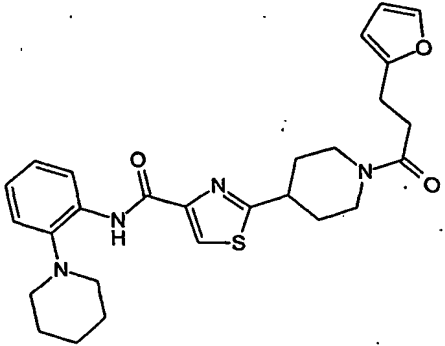
No.	FORMULA	NMR or mass
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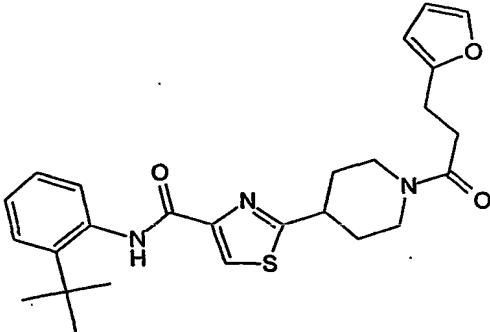
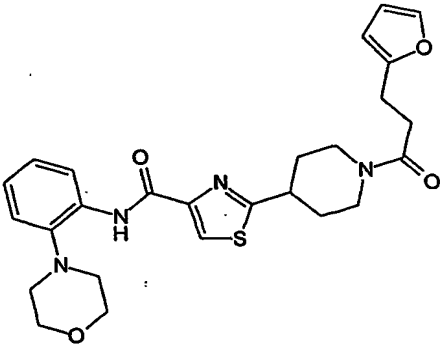
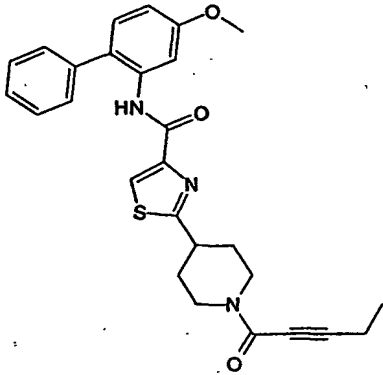
No.	FORMULA	NMR or mass
557	 <chem>COc1ccc(F)cc1OC(=O)N2CCCCC2c3sc(C(=O)Nc4ccc(C(F)(F)F)cc4)nc3</chem>	
558	 <chem>COc1ccc(F)cc1OC(=O)N2CCCCC2c3sc(C(=O)Nc4ccccc4N5CCCCC5)nc3</chem>	
559	 <chem>COc1ccc(F)cc1OC(=O)N2CCCCC2c3sc(C(=O)Nc4c(C(C)(C)C)ccccc4)nc3</chem>	
560	 <chem>COc1ccc(F)cc1OC(=O)N2CCCCC2c3sc(C(=O)Nc4ccccc4Cc5ccccc5)nc3</chem>	

No.	FORMULA	NMR or mass
561	 <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(OC)cc3)cs2</chem>	
562	 <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3cc4c(nc(C)c4n3)cc5ccncc5n2)cs2</chem>	
563	 <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(C(F)(F)F)cc3N4CCCC4)ns2</chem>	
564	 <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)cs2</chem>	

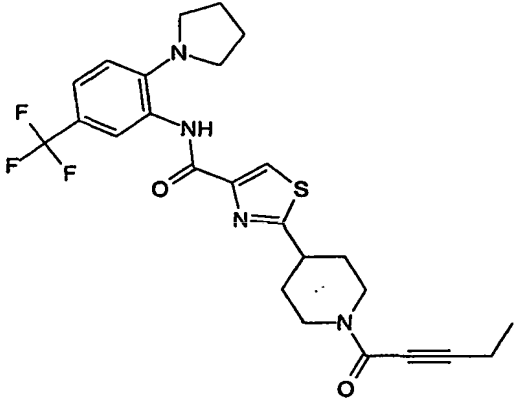
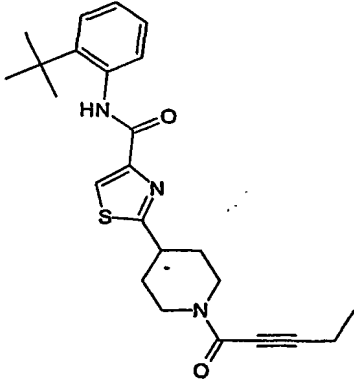
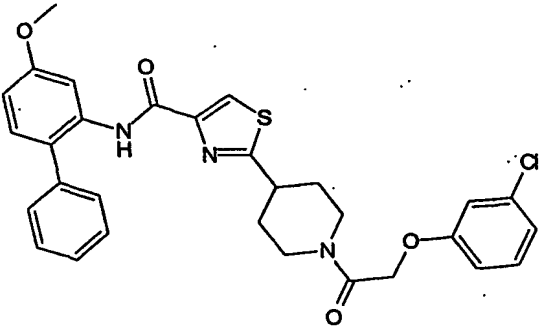
No.	FORMULA	NMR or mass
565	 <chem>CC(C)(C)c1ccccc1NC(=O)c2cc(sc2C3CCN(CC3)C(=O)CC#C)C(=O)O</chem>	
566	 <chem>O=C(Nc1ccccc1-c2ccccc2)c3cc(sc3C4CCN(CC4)C(=O)CC#C)C(=O)O</chem>	
567	 <chem>O=C(Nc1ccc(N2CCOCC2)cc1)c3cc(sc3C4CCN(CC4)C(=O)CC#C)C(=O)O</chem>	
568	 <chem>CC(=O)CCCN1CCN(CC1)C(=O)CC2=CC=CC=C2C(=O)Nc3cc(sc3C4CCN(CC4)C(=O)CC5=CC=C(OC)C=C5)C(=O)O</chem>	

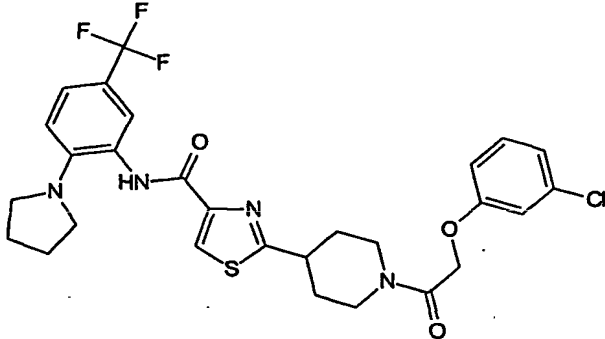
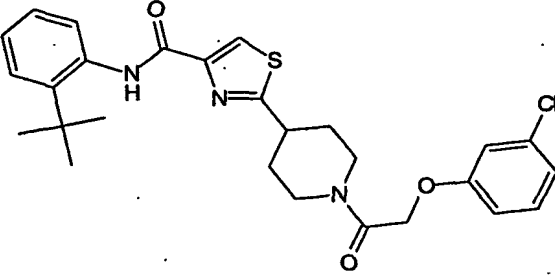
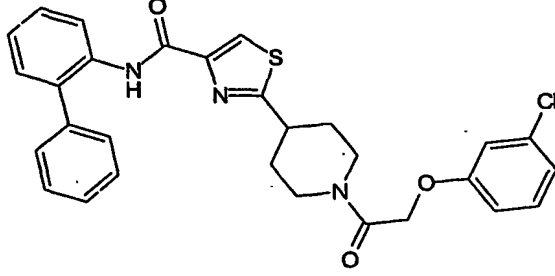
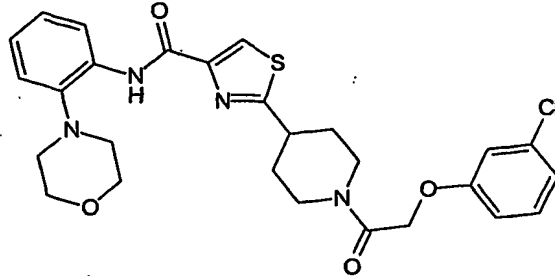
No.	FORMULA	NMR or mass
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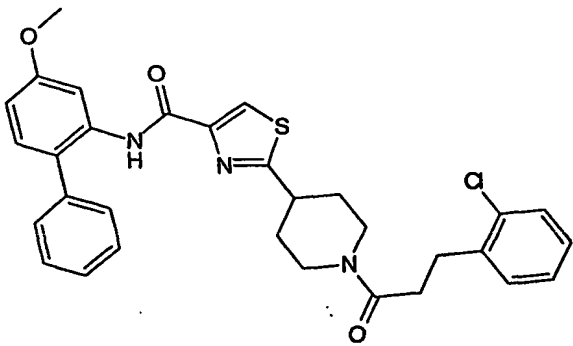
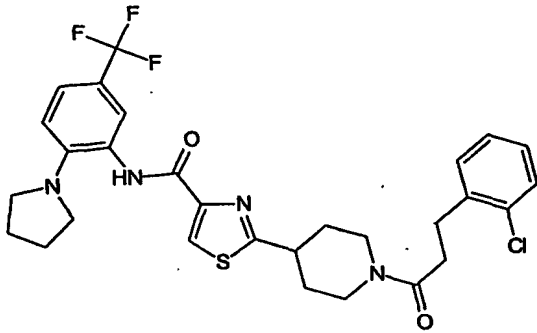
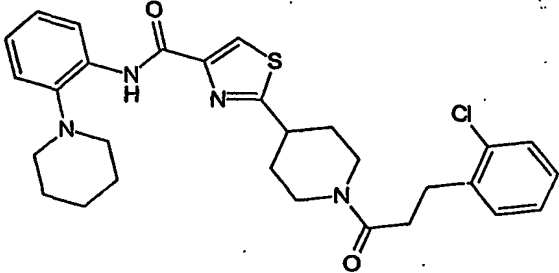
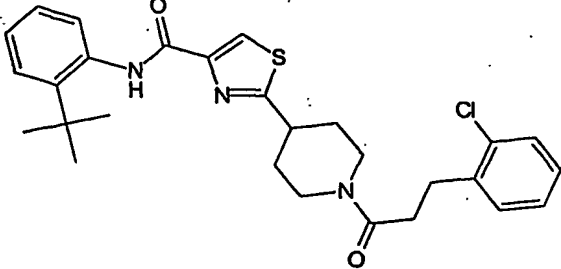
No.	FORMULA	NMR or mass
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576		

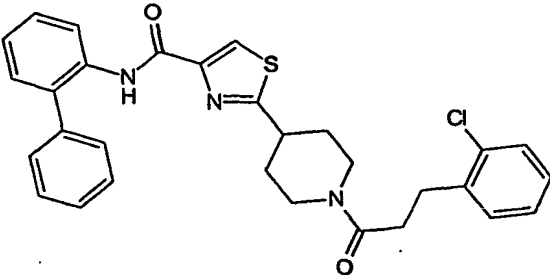
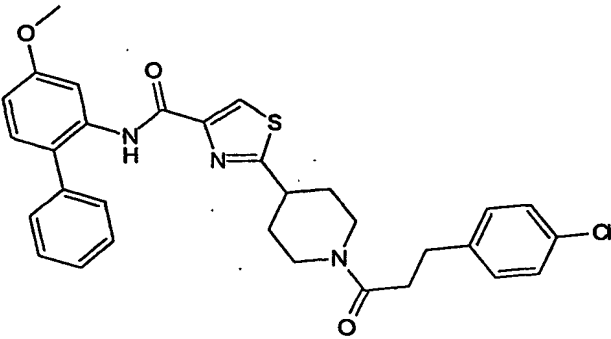
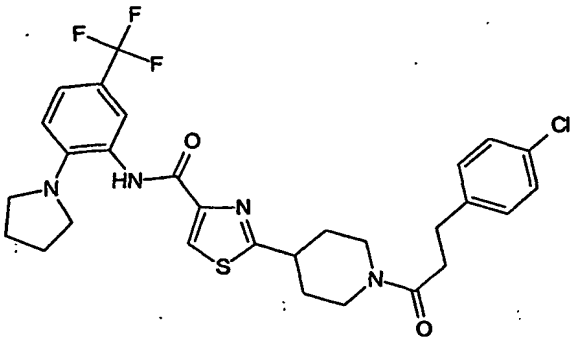
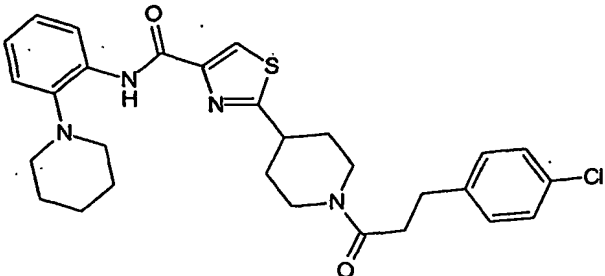
No.	FORMULA	NMR or mass
577		
578		
579	 <p data-bbox="293 1520 1192 1583">N-(4-methoxybiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

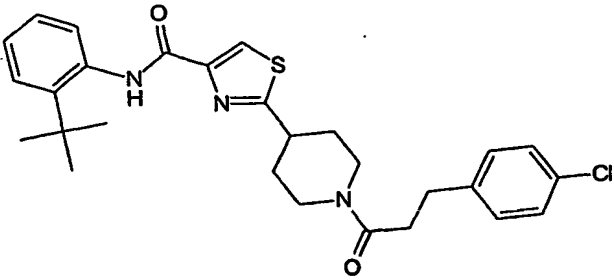
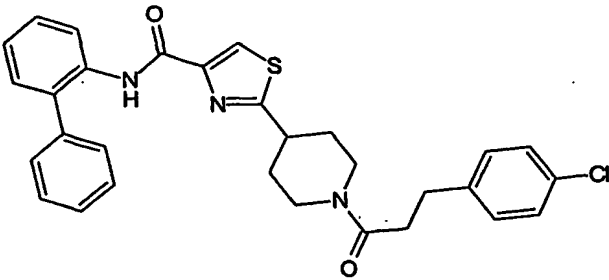
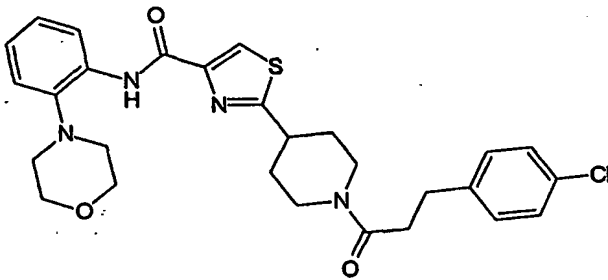
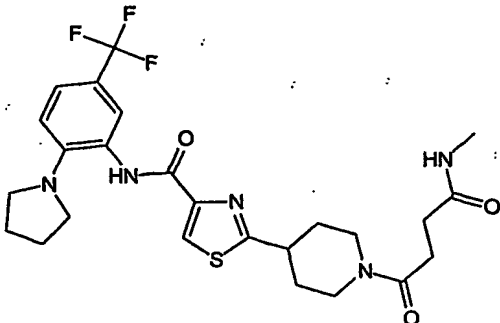


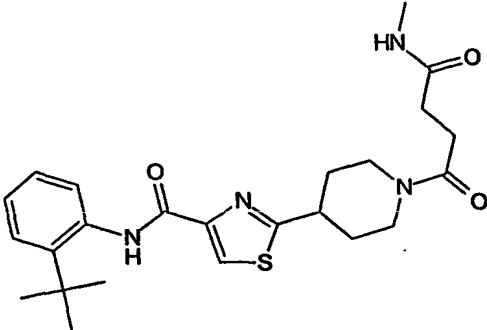
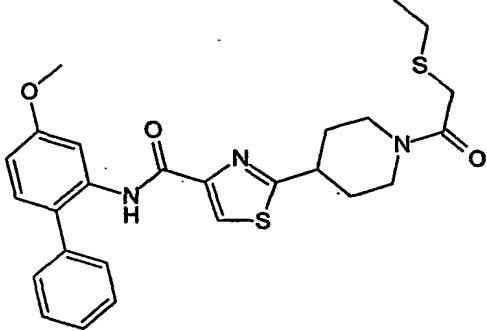
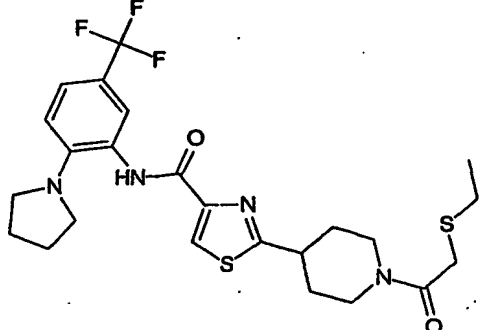
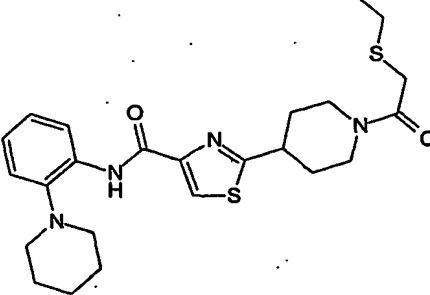
No.	FORMULA	NMR or mass
580	 <p>2-(1-pent-2-ynoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
581	 <p>N-(2-tert-butylphenyl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
582	 <p>2-(1-(4-chlorophenoxy)propanoylpiperidin-4-yl)-N-(2-methoxyphenyl)-1,3-thiazole-4-carboxamide</p>	

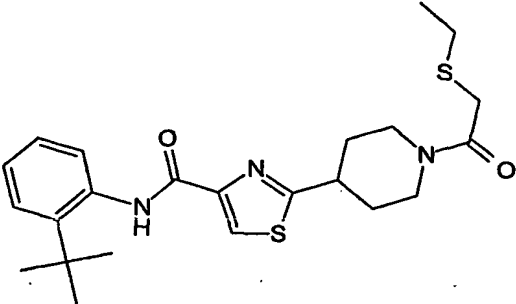
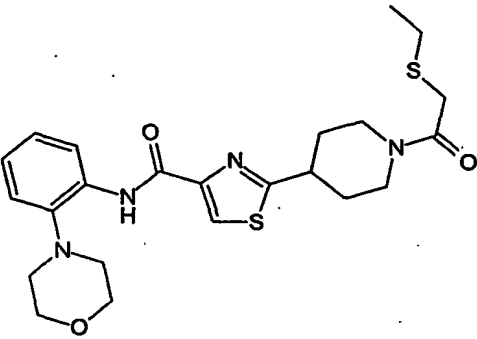
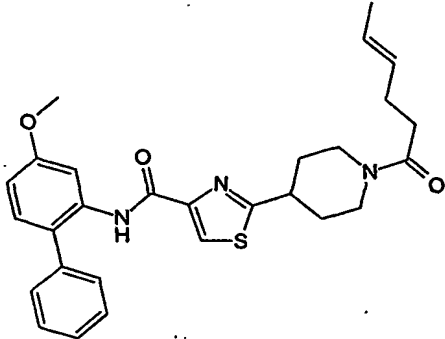
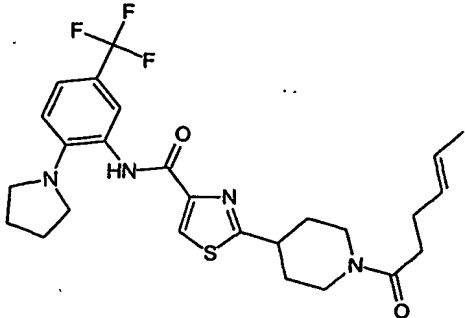
No.	FORMULA	NMR or mass
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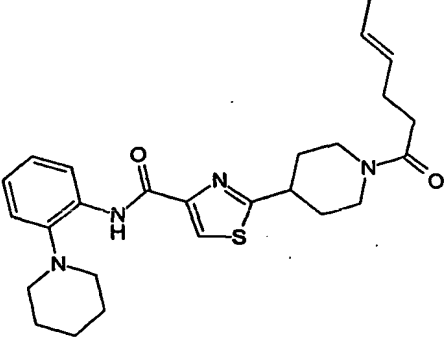
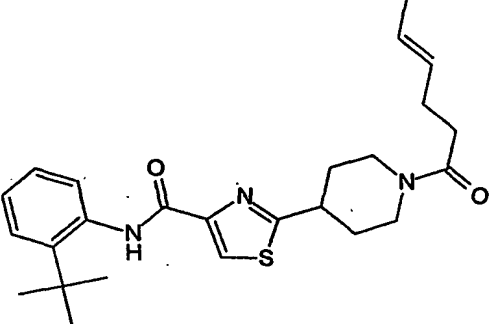
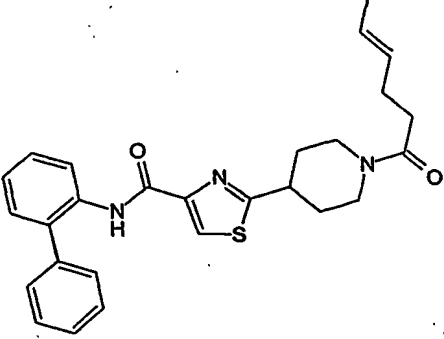
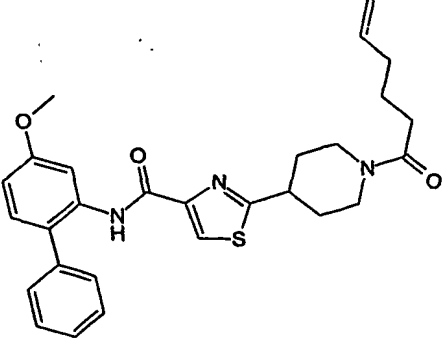
No.	FORMULA	NMR or mass
587	 <chem>COc1cccc(c1)NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccccc4Cl</chem>	
588	 <chem>FC(F)(F)c1ccc(cc1)NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccccc4Cl</chem>	
589	 <chem>c1ccc(cc1)NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccccc4Cl</chem>	
590	 <chem>CC(C)(C)c1ccccc1NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccccc4Cl</chem>	

No.	FORMULA	NMR or mass
591	 <chem>O=C1N=C(S1)C2CCN(CC2)C(=O)CCc3ccc(Cl)cc3</chem> <chem>c1ccc(cc1)C(=O)Nc2ccccc2</chem>	
592	 <chem>O=C1N=C(S1)C2CCN(CC2)C(=O)CCc3ccc(Cl)cc3</chem> <chem>COc1ccc(cc1)C(=O)Nc2ccccc2</chem>	
593	 <chem>O=C1N=C(S1)C2CCN(CC2)C(=O)CCc3ccc(Cl)cc3</chem> <chem>Fc1cc(ccc1C2CCN2)C(=O)Nc3ccccc3</chem>	
594	 <chem>O=C1N=C(S1)C2CCN(CC2)C(=O)CCc3ccc(Cl)cc3</chem> <chem>c1ccc(cc1)C(=O)Nc2ccccc2</chem>	

No.	FORMULA	NMR or mass
595		
596		
597		
598		

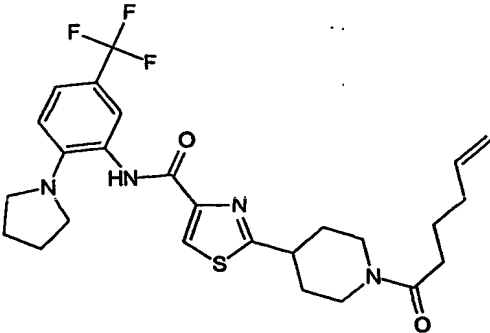
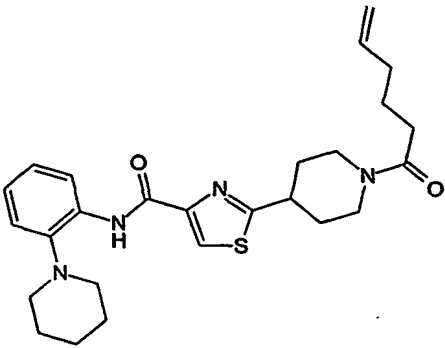
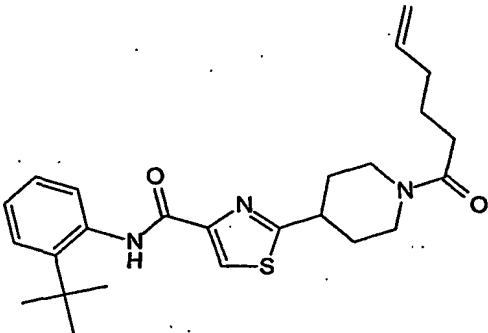
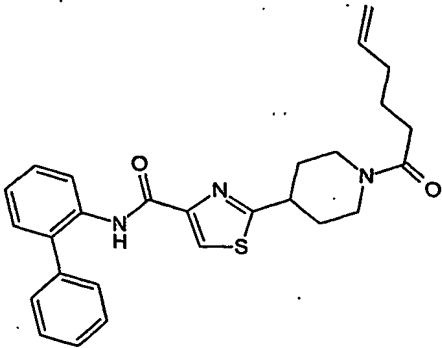
No.	FORMULA	NMR or mass
599	 <chem>CC(C)(C)c1ccc(NC(=O)c2cc(sc2C3CCN(C3)CC(=O)NC)cc1</chem>	
600	 <chem>CCSCC(=O)N1CCN(C1Cc2cc(sc2NC(=O)c3ccc(OC)cc3c4ccccc4)cc1</chem>	
601	 <chem>CCSCC(=O)N1CCN(C1Cc2cc(sc2NC(=O)N3CCCC3c4ccc(CF(F)F)cc4)cc1</chem>	
602	 <chem>CCSCC(=O)N1CCN(C1Cc2cc(sc2NC(=O)N3CCCCC3)cc1</chem>	

No.	FORMULA	NMR or mass
603		
604		
605		
606		

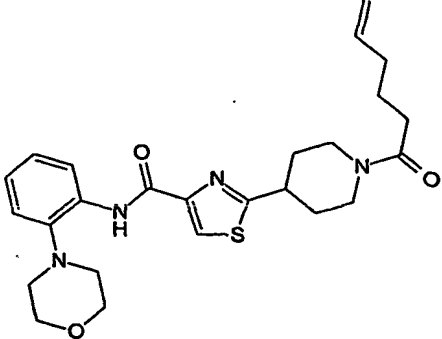
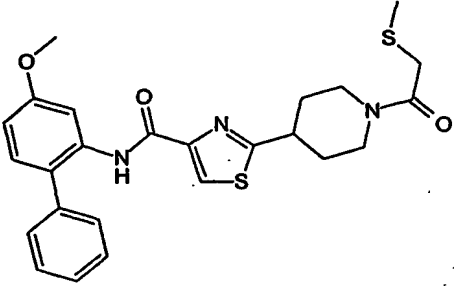
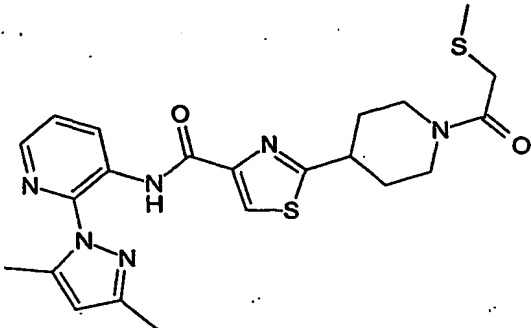
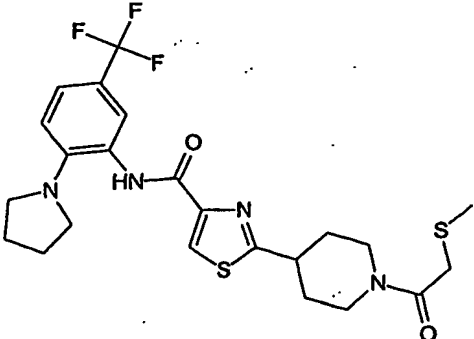
No.	FORMULA	NMR or mass
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608		
609		
610		

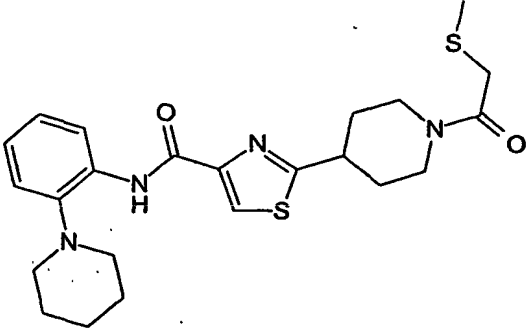
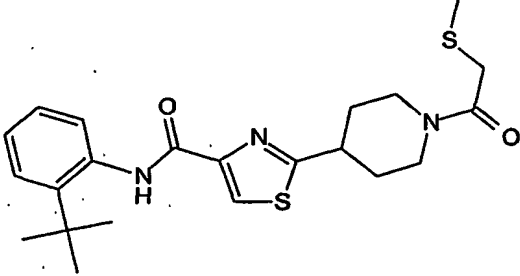
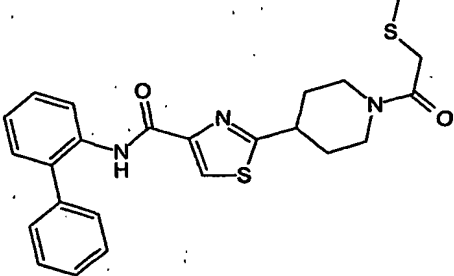
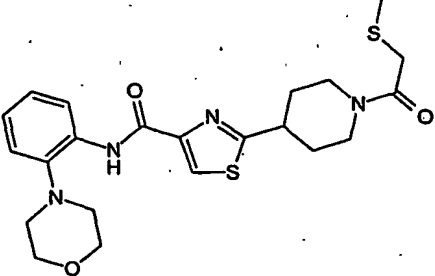


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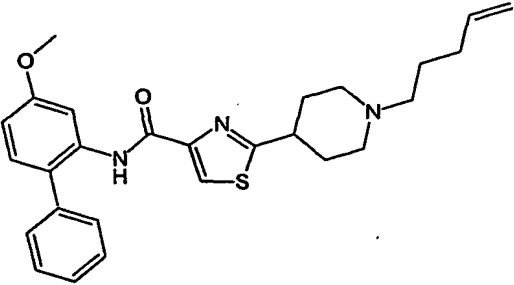
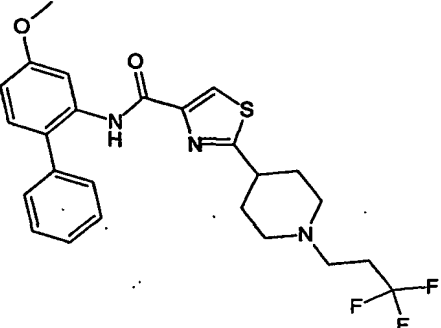
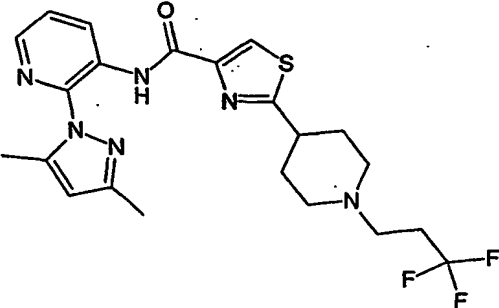
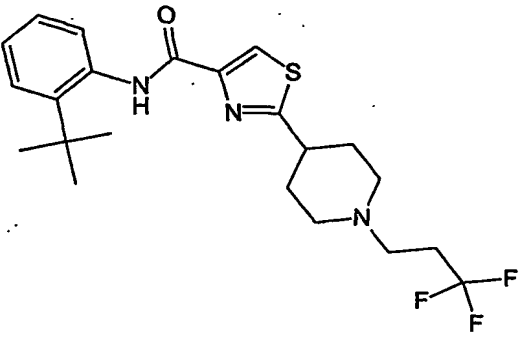
No.	FORMULA	NMR or mass
611		
612		
613		
614		

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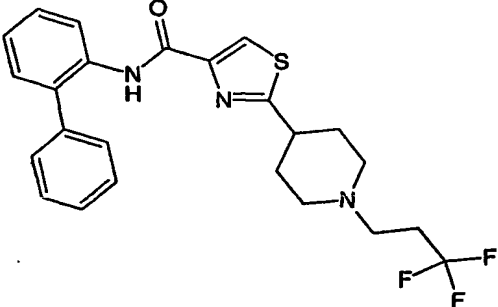
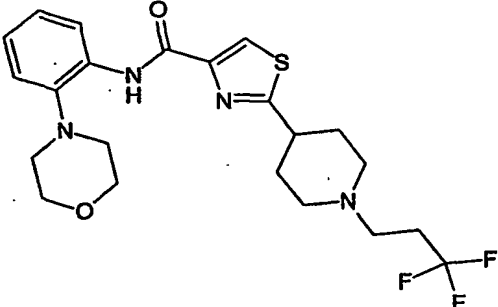
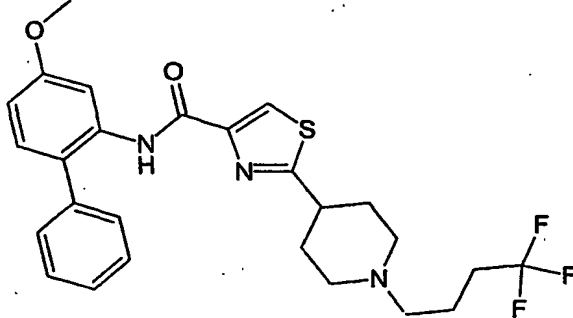
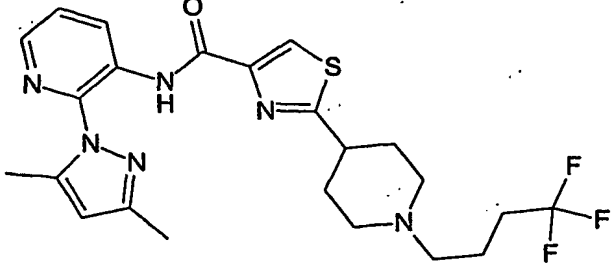
No.	FORMULA	NMR or mass
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616		
617		
618		

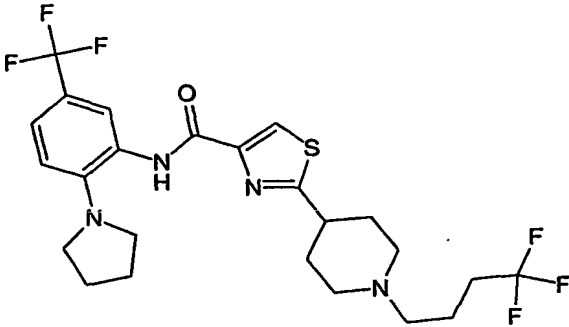
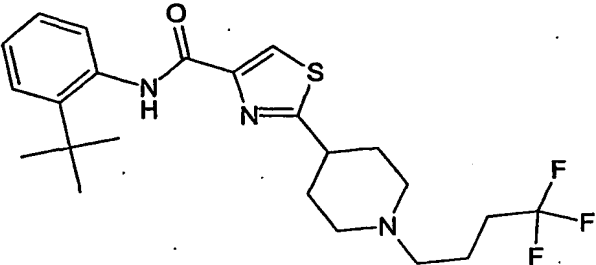
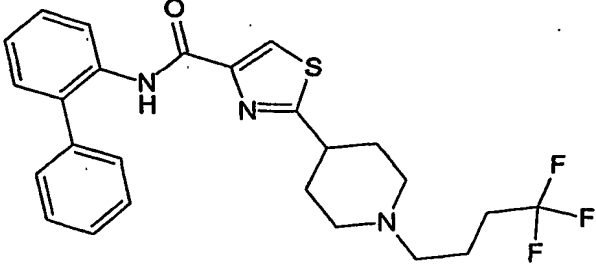
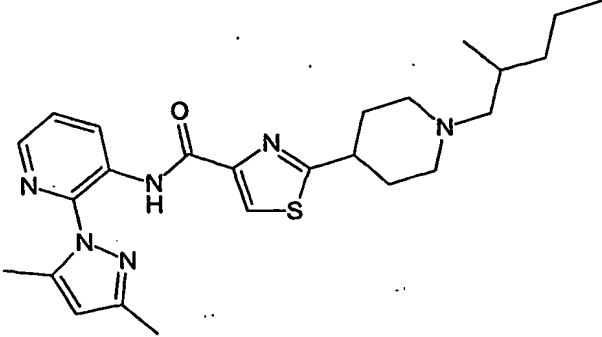
No.	FORMULA	NMR or mass
619	 <chem>CC(=O)N1CCCCC1C2=CN(C(=O)N3CCCCC3)c3ccccc23</chem>	
620	 <chem>CC(=O)N1CCCCC1C2=CN(C(=O)N(C(C)(C)C)c3ccccc23</chem>	
621	 <chem>CC(=O)N1CCCCC1C2=CN(C(=O)Nc3ccccc3c4ccccc42</chem>	
622	 <chem>CC(=O)N1CCCCC1C2=CN(C(=O)NCC3CCOCC3)c3ccccc23</chem>	

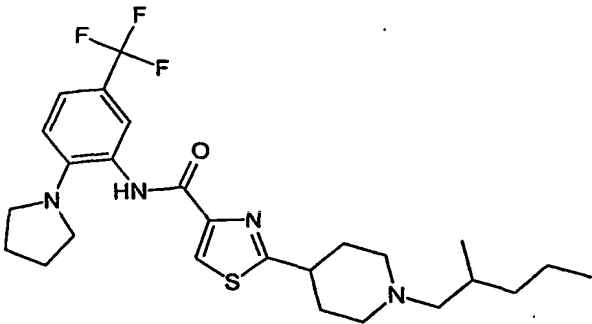
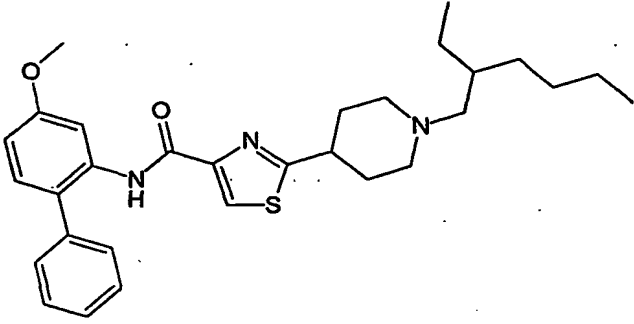
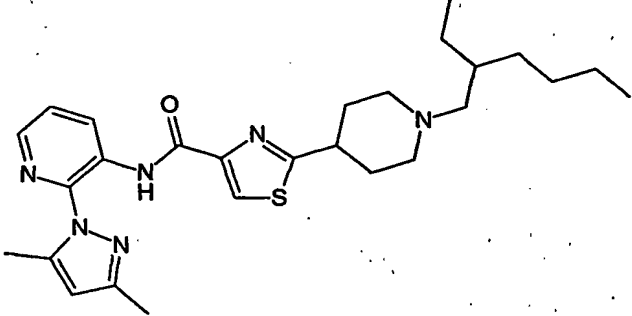
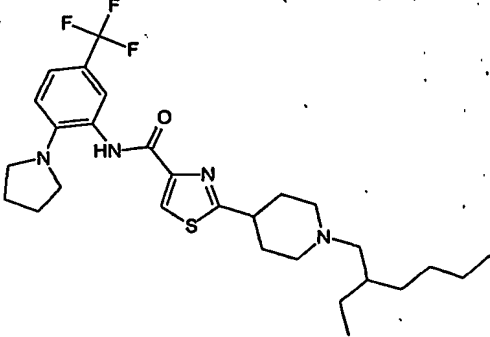
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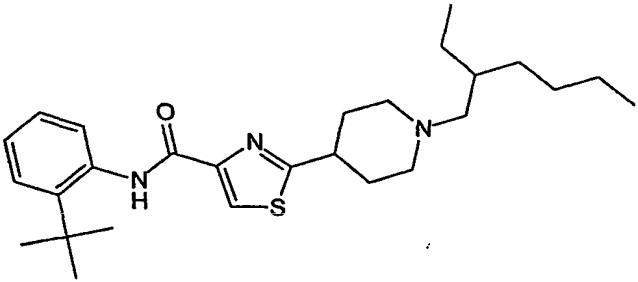
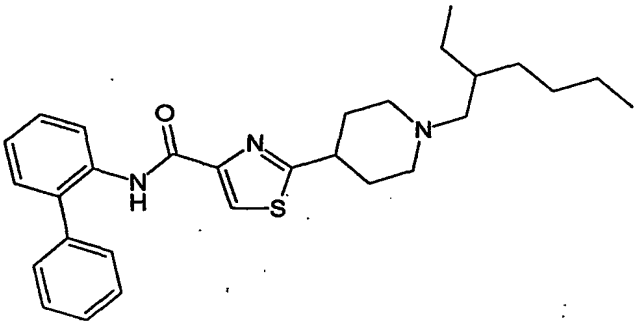
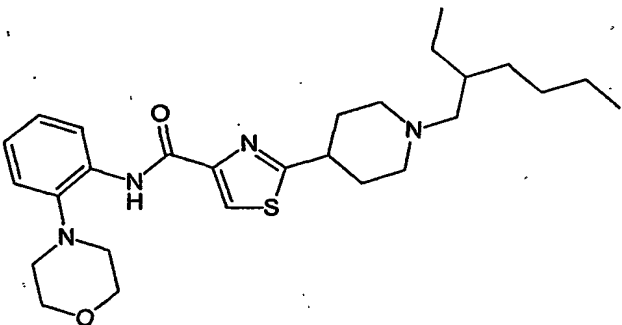
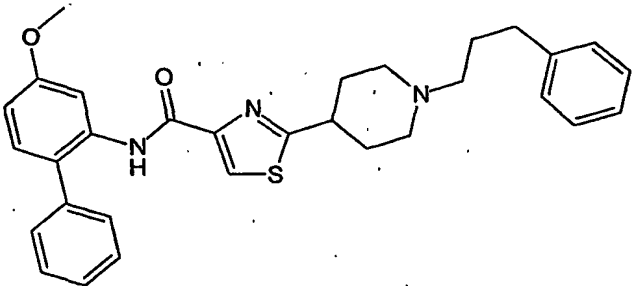
No.	FORMULA	NMR or mass
623		
624		
625		
626		

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No.	FORMULA	NMR or mass
627	 <chem>O=C(Nc1ccccc1-c2ccccc2)c3nc(s3)C4CCN(CC4)CC(F)(F)F</chem>	
628	 <chem>O=C(Nc1ccc2c(c1)CCOCC2)c3nc(s3)C4CCN(CC4)CC(F)(F)F</chem>	
629	 <chem>COc1ccc(cc1C(=O)Nc2cc3ccccc3cc2)c3nc(s3)C4CCN(CC4)CC(F)(F)F</chem>	
630	 <chem>Cc1cc2nc3ccncc3n2c1C(=O)Nc4cc5ccccc5cc4)c6nc(s6)C7CCN(CC7)CC(F)(F)F</chem>	

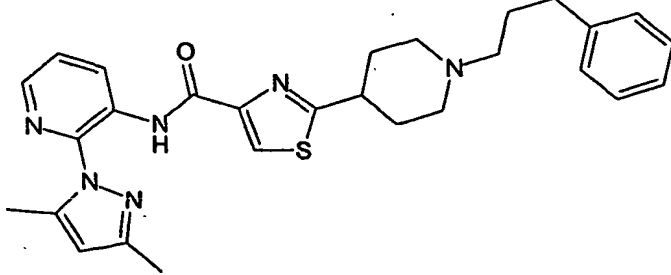
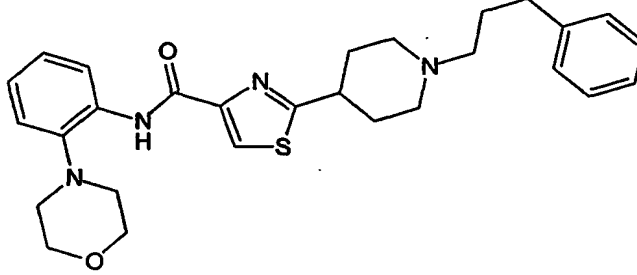
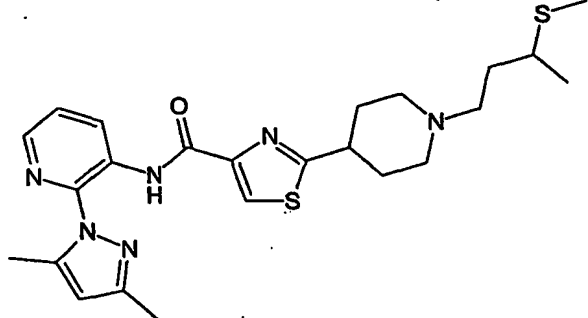
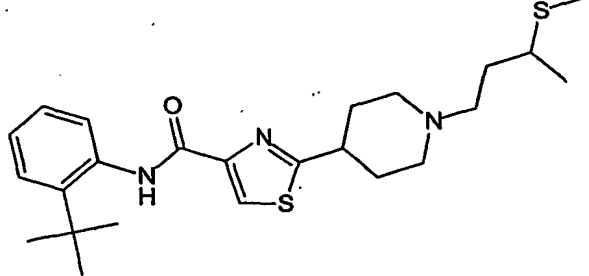
No.	FORMULA	NMR or mass
631		
632		
633		
634		

No.	FORMULA	NMR or mass
635		
636		
637		
638		

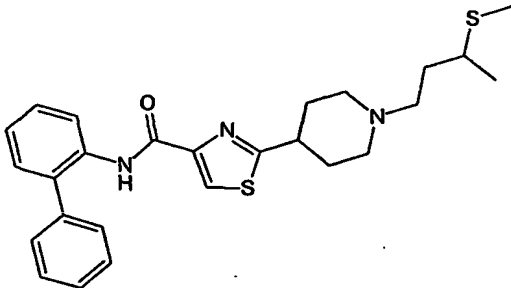
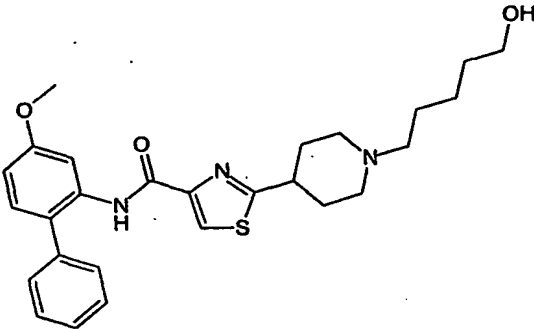
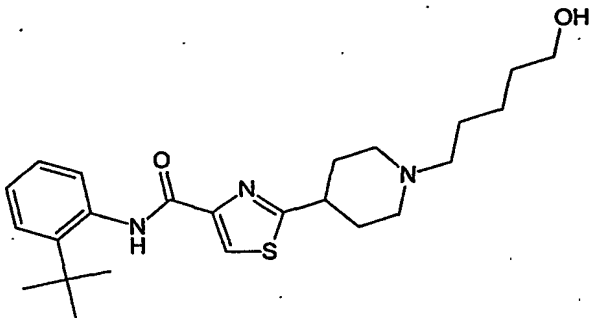
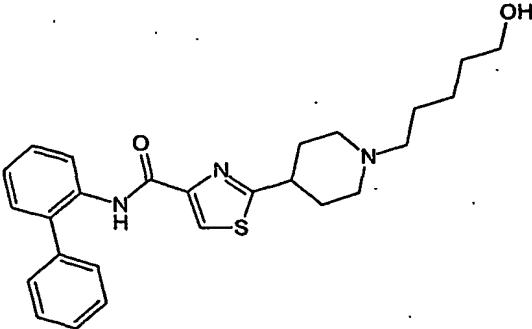
No.	FORMULA	NMR or mass
639	 <chem>CCCCC(CC)CN1CCCCC1c2sc(C(=O)Nc3ccc(C(C)(C)C)cc3)c2</chem>	
640	 <chem>CCCCC(CC)CN1CCCCC1c2sc(C(=O)Nc3ccccc3-c4ccccc42)c2</chem>	
641	 <chem>CCCCC(CC)CN1CCCCC1c2sc(C(=O)Nc3ccc(N4CCOCC4)cc3)c2</chem>	
642	 <chem>c1ccc(cc1)CCN2CCCCC2c3sc(C(=O)Nc4c(OC)ccc(cc4-c5ccccc5)c6ccccc63)c2</chem>	



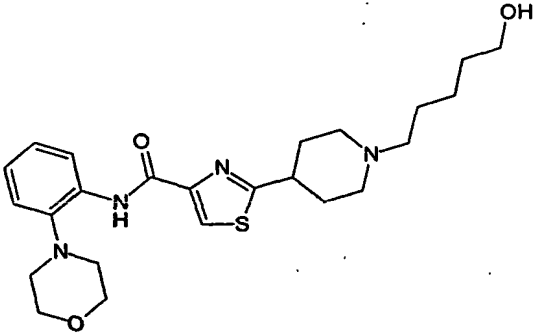
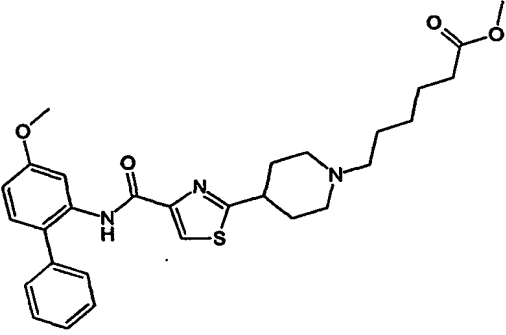
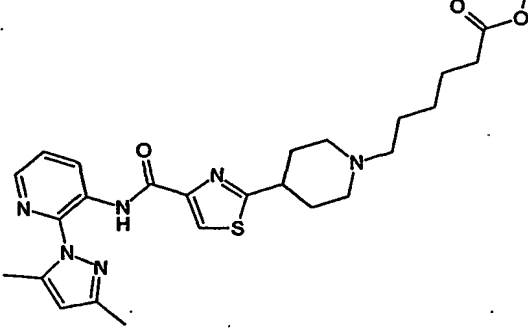
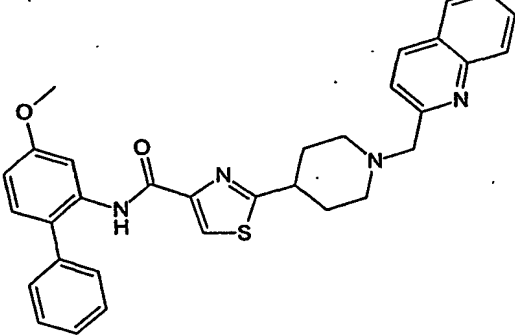
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No.	FORMULA	NMR or mass
643		
644		
645		
646		

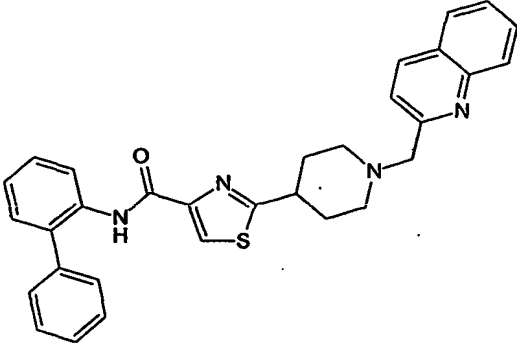
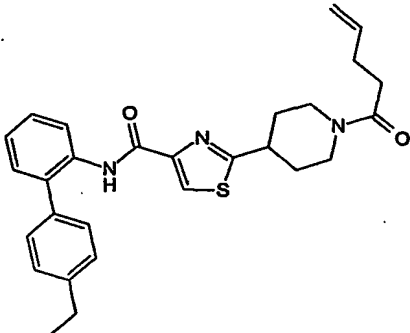
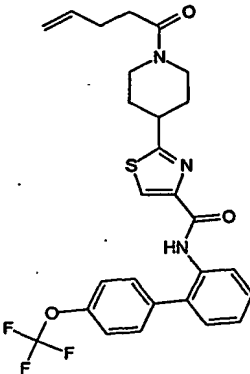
- 262 -

No.	FORMULA	NMR or mass
647		
648		
649		
650		

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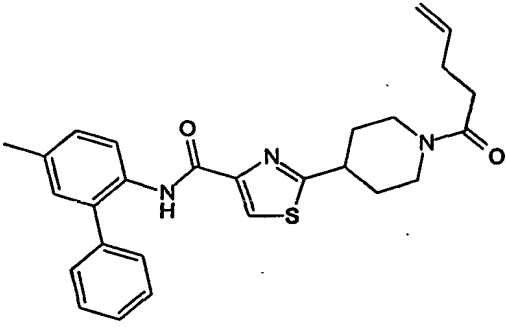
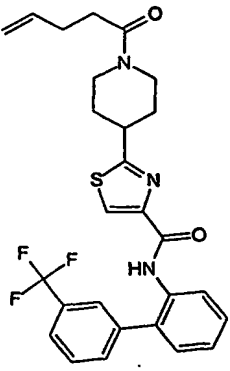
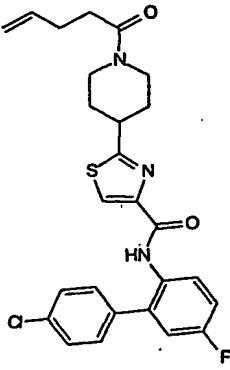
No.	FORMULA	NMR or mass
651	 <chem>OCCCNCC1CCN(C1)c2ccsc2C(=O)Nc3ccccc3N4CCOCC4</chem>	
652	 <chem>COC(=O)CCCNCC1CCN(C1)c2ccsc2C(=O)Nc3cc(ccc3-c4ccccc4)OC</chem>	
653	 <chem>COC(=O)CCCNCC1CCN(C1)c2ccsc2C(=O)Nc3ccncc3-c4nn(C)c5ccccc45</chem>	
654	 <chem>c1ccc2nc3ccccc3cc2c1CNCC1CCN(C1)c2ccsc2C(=O)Nc3cc(ccc3-c4ccccc4)OC</chem>	

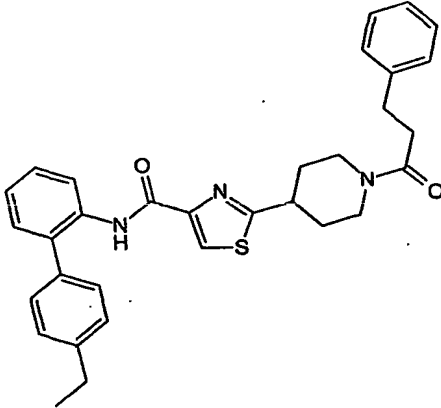
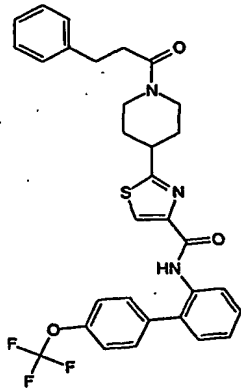
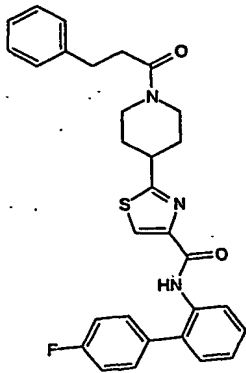
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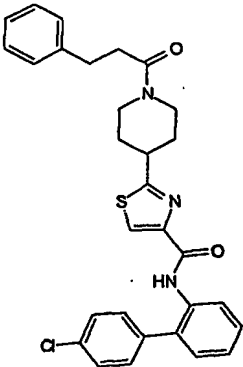
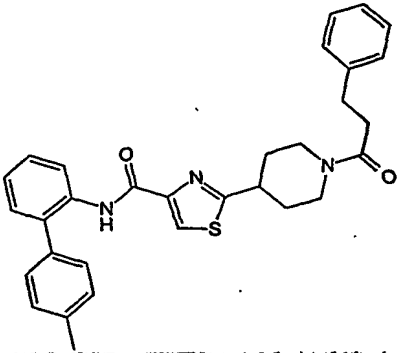
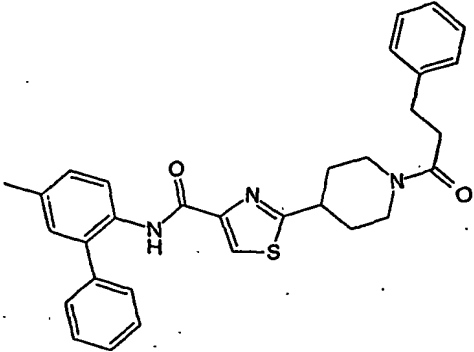
No.	FORMULA	NMR or mass
655		
656		
657	 <chem>CC=CC(=O)N1CCN(C1)c2nc(s2)C(=O)Nc3cc(ccc3-c4ccc(OC(F)(F)F)cc4)c5ccccc5</chem>	

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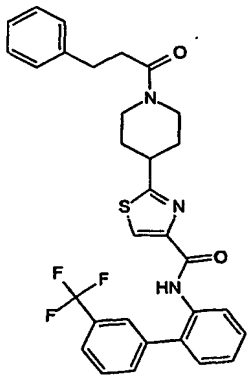
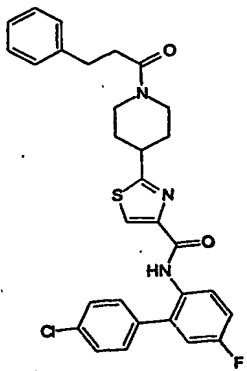
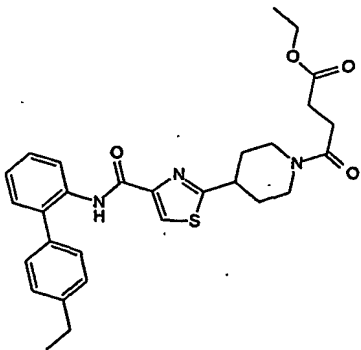
No.	FORMULA	NMR or mass
658	<p>N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-4-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
659	<p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-4-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
660	<p>N-(4-methylbiphenyl-2-yl)-2-(1-pent-4-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

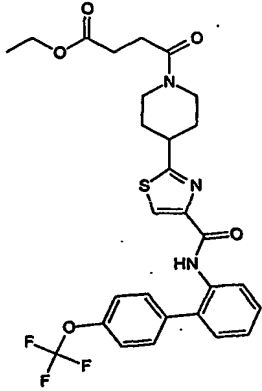
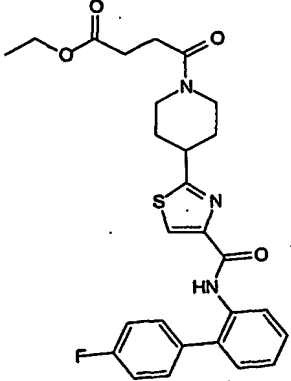
No.	FORMULA	NMR or mass
661		
662	 <p data-bbox="297 1171 1161 1234">2-(1-pent-4-enoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
663	 <p data-bbox="297 1665 1161 1728">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-4-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

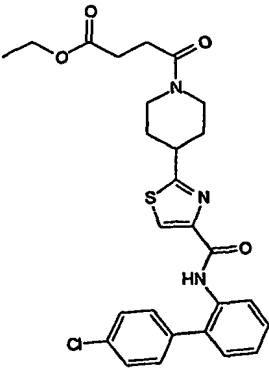
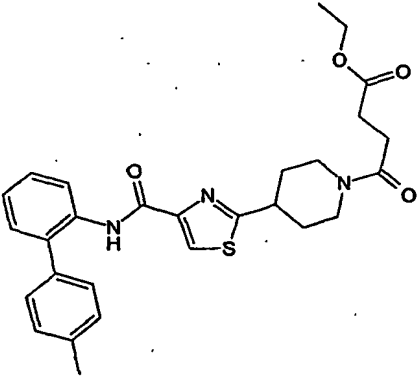
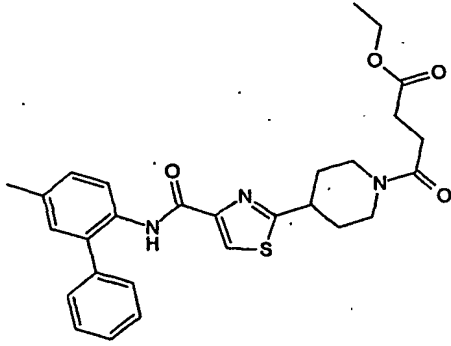
No.	FORMULA	NMR or mass
664		
665	 <p data-bbox="293 1247 1187 1310">2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
666	 <p data-bbox="298 1772 1133 1831">N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
667	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
668		
669		

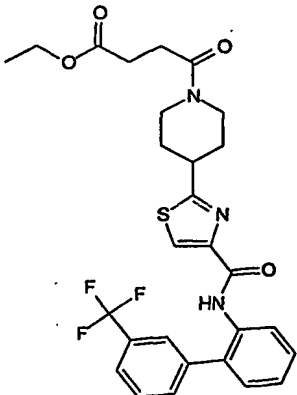
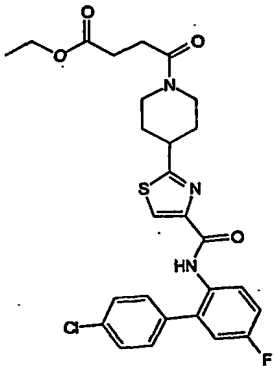


No.	FORMULA	NMR or mass
670	 <p data-bbox="300 777 1209 840">2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
671	 <p data-bbox="300 1270 1201 1333">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
672	 <p data-bbox="300 1753 1144 1816">ethyl 4-[4-(4-[(4'-ethylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl-4-oxobutanoate</p>	

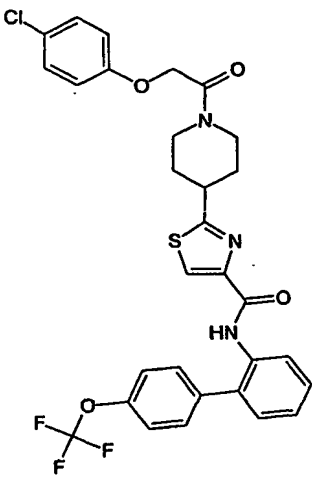
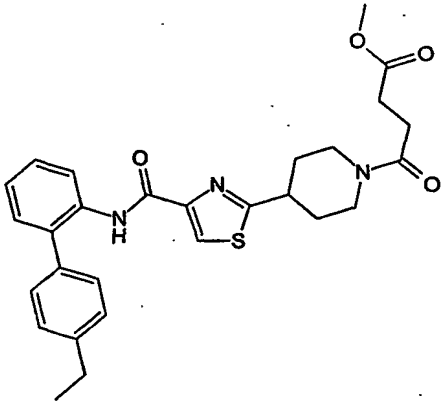
No.	FORMULA	NMR or mass
673	 <p>ethyl 4-oxo-4-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
674	 <p>ethyl 4-[4-(4-{{[4'-fluorobiphenyl-2-yl]amino}carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]-4-oxobutanoate</p>	

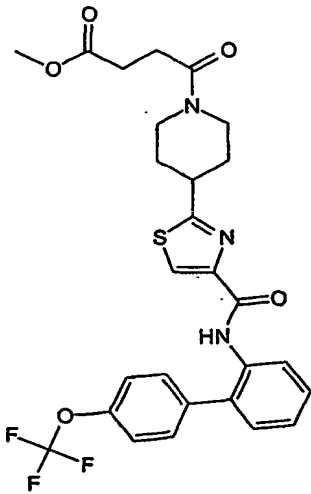
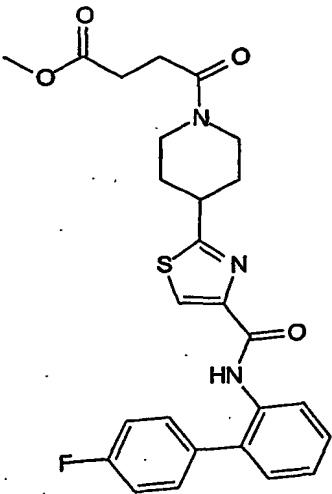
No.	FORMULA	NMR or mass
675	 <p data-bbox="293 779 1146 842">ethyl 4-[4-(4-[(4'-chlorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p>	
676	 <p data-bbox="293 1289 1154 1352">ethyl 4-[4-(4-[(4'-methylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p>	
677		

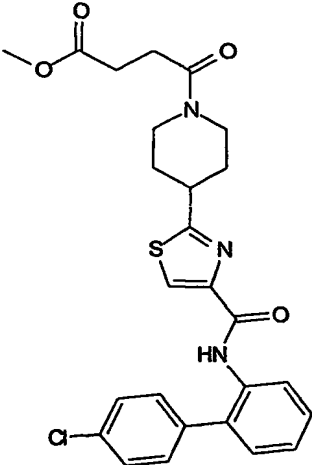
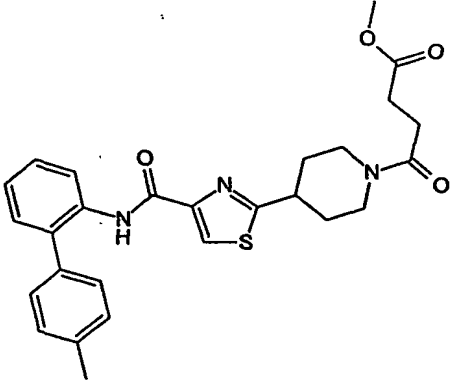
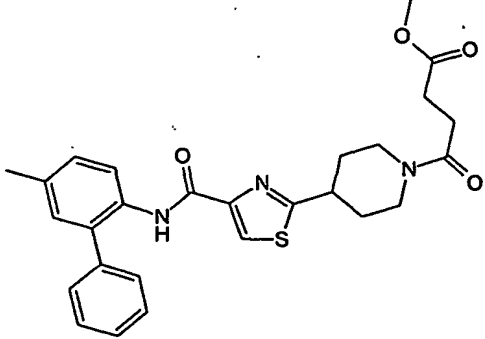
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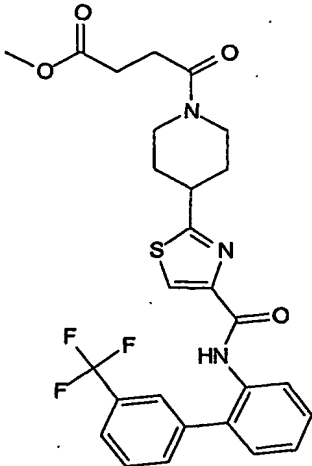
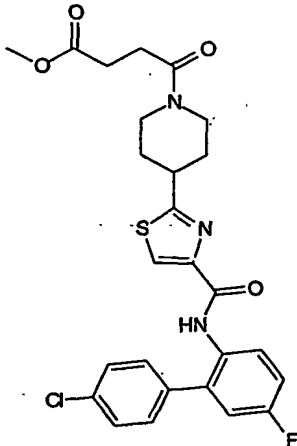
No.	FORMULA	NMR or mass
678	 <p>ethyl 4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
679	 <p>ethyl 4-[4-(4-{{(4'-chloro-5-fluorobiphenyl-2-yl)amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]-4-oxobutanoate</p>	

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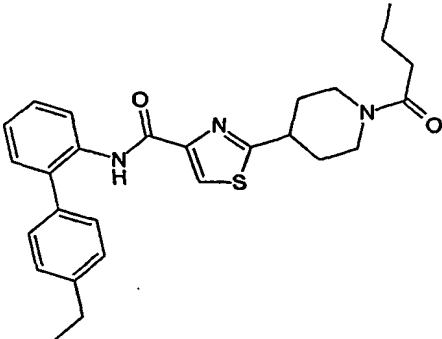
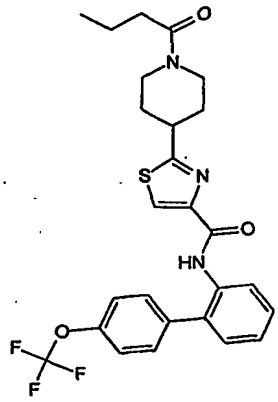
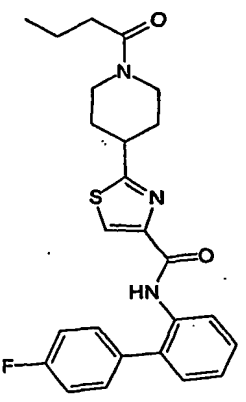
No.	FORMULA	NMR or mass
680	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
681		

No.	FORMULA	NMR or mass
682	 <p data-bbox="305 905 1203 968">methyl 4-oxo-4-[4-[4-([4'-(trifluoromethoxy)biphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]butanoate</p>	
683	 <p data-bbox="305 1556 1175 1619">methyl 4-[4-(4-[[4'-fluorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]-4-oxobutanoate</p>	

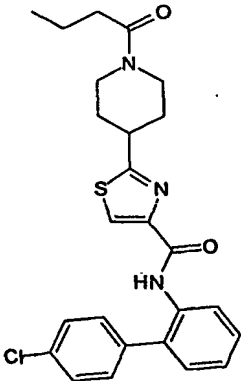
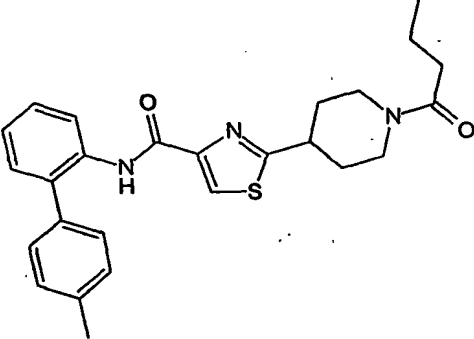
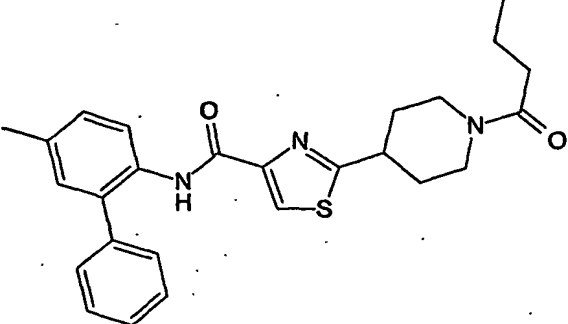
No.	FORMULA	NMR or mass
684	 <p data-bbox="295 888 1170 947">methyl 4-[4-(4-[[[4'-chlorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]-4-oxobutanoate</p>	
685		
686		

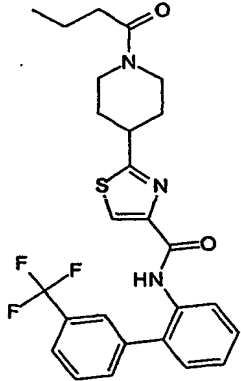
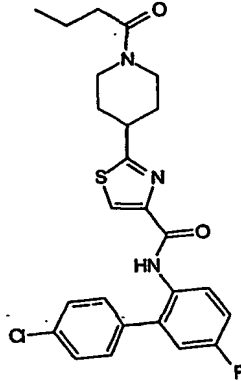
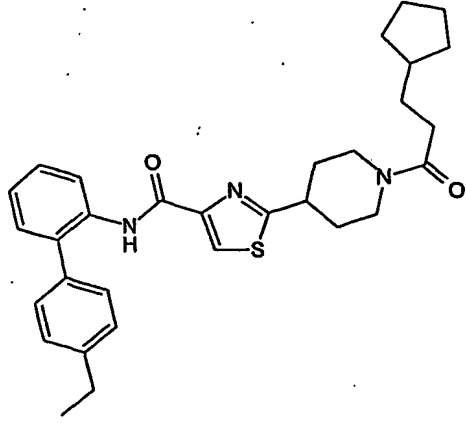
No.	FORMULA	NMR or mass
687	 <p>methyl 4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
688	 <p>methyl 4-[4-(4-(((4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl]-4-oxobutanoate</p>	



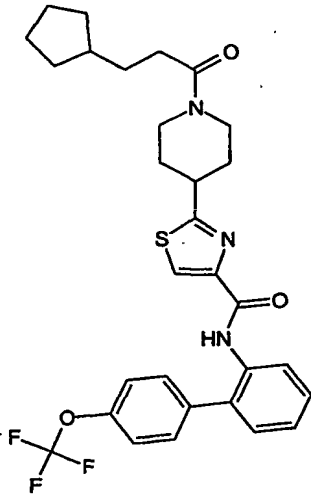
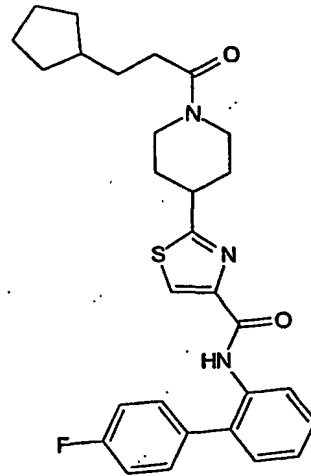
No.	FORMULA	NMR or mass
689	 <p>Chemical structure of 2-(1-butylpiperidin-4-yl)-N-(4-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide. The structure features a 1,3-thiazole ring substituted at the 2-position with a 1-butylpiperidin-4-yl group and at the 4-position with a carboxamide group. The carboxamide group is further substituted with a 4-ethylbiphenyl-2-yl group.</p>	
690	 <p>Chemical structure of 2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide. The structure features a 1,3-thiazole ring substituted at the 2-position with a 1-butylpiperidin-4-yl group and at the 4-position with a carboxamide group. The carboxamide group is further substituted with a 4'-(trifluoromethoxy)biphenyl-2-yl group.</p> <p>2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
691	 <p>Chemical structure of 2-(1-butylpiperidin-4-yl)-N-(4-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide. The structure features a 1,3-thiazole ring substituted at the 2-position with a 1-butylpiperidin-4-yl group and at the 4-position with a carboxamide group. The carboxamide group is further substituted with a 4-fluorobiphenyl-2-yl group.</p> <p>2-(1-butylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

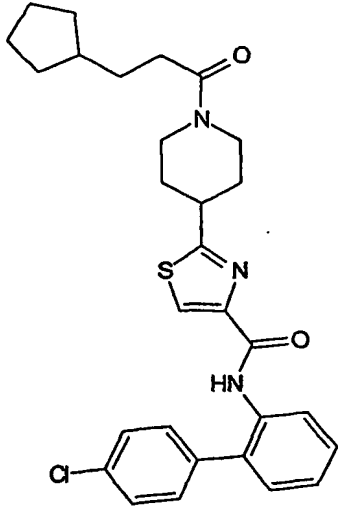
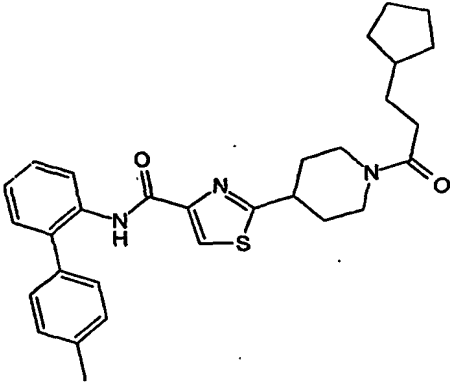
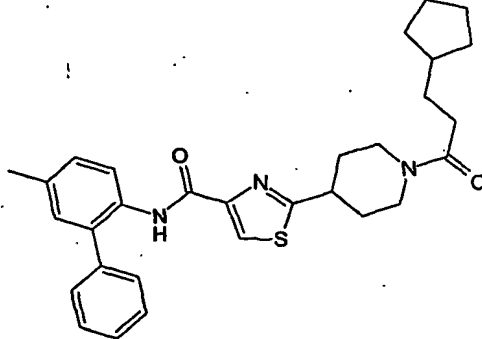
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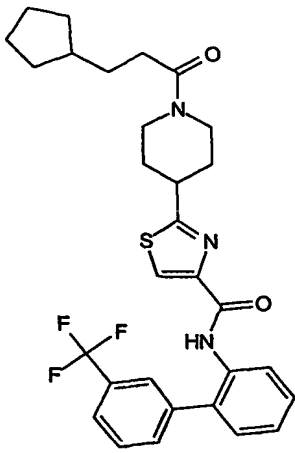
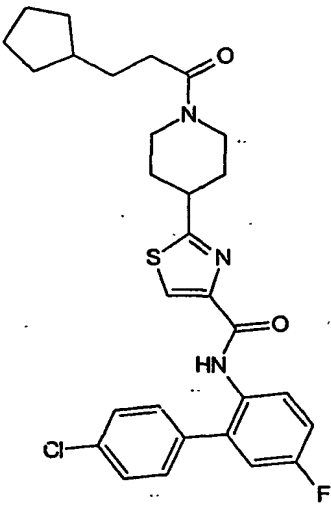
No.	FORMULA	NMR or mass
692	 <p>2-(1-butyrylpiperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
693		
694		

No.	FORMULA	NMR or mass
695	 <p>2-(1-butylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
696	 <p>2-(1-butylpiperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
697		

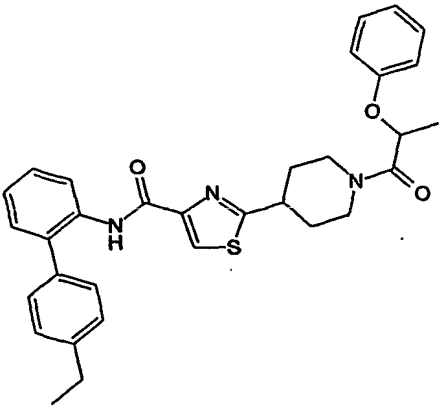
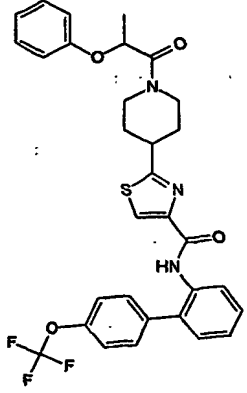
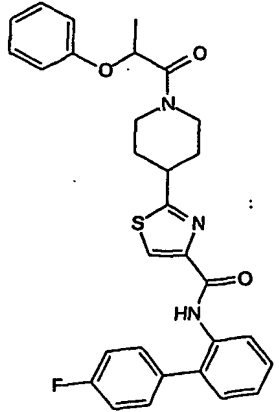
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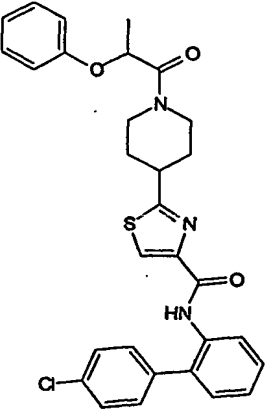
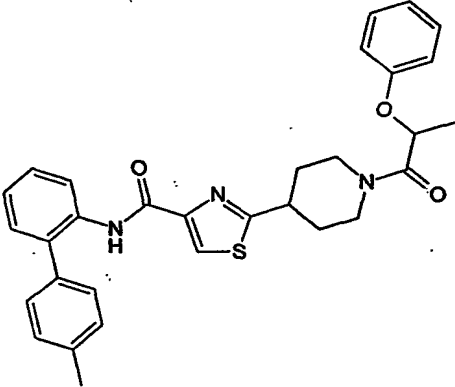
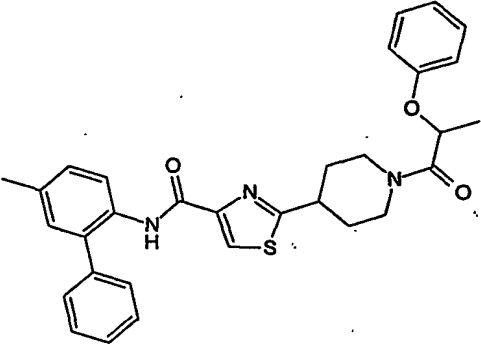
No.	FORMULA	NMR or mass
698	 <p>2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
699	 <p>2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
700	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
701		
702		

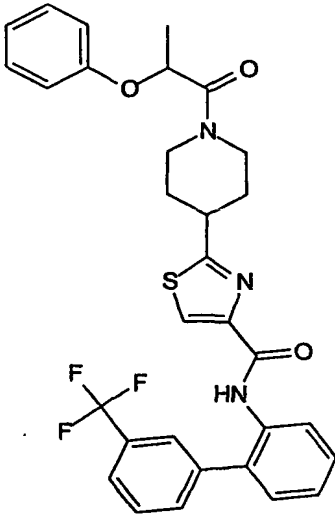
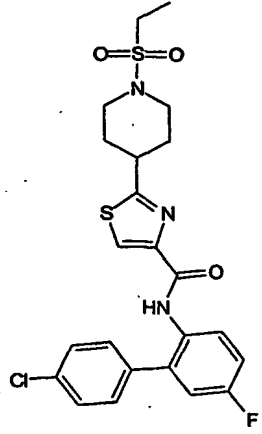
No.	FORMULA	NMR or mass
703	 <p data-bbox="300 892 1224 951">2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
704	 <p data-bbox="300 1543 1224 1602">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

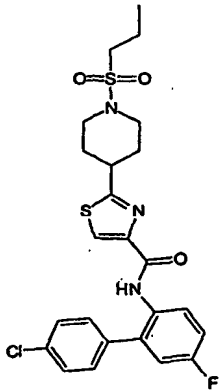
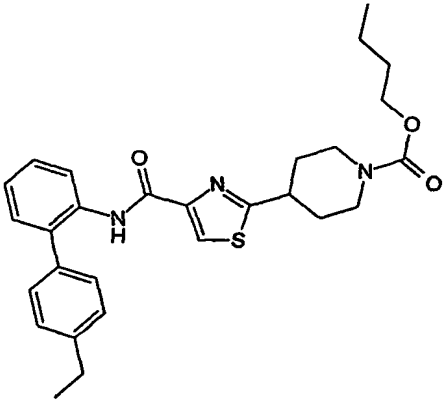
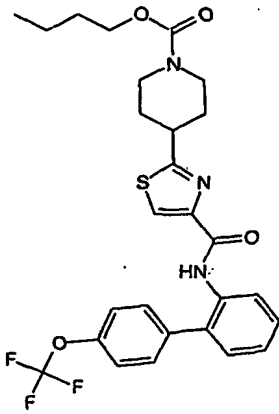
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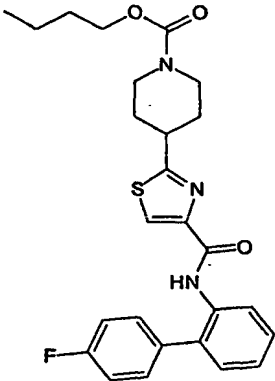
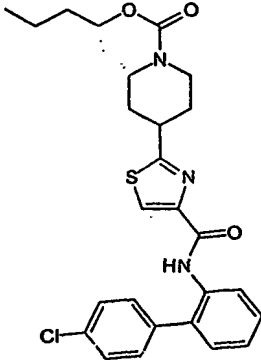
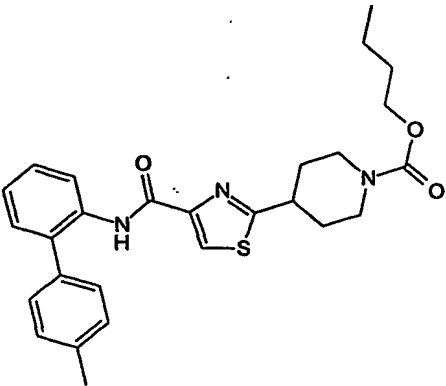
No.	FORMULA	NMR or mass
705		
706	 <p data-bbox="292 1291 1209 1354">2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
707	 <p data-bbox="292 1827 1209 1890">N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

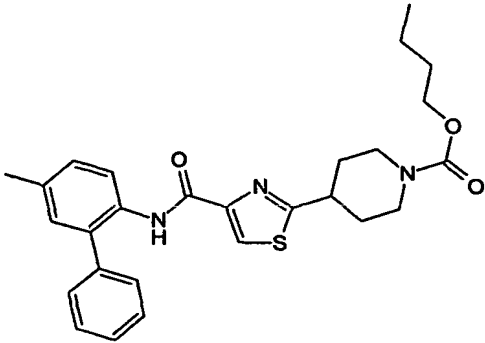
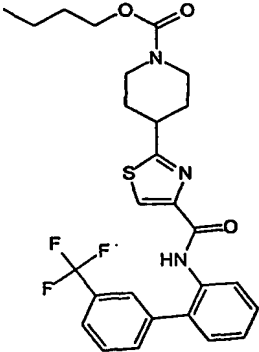
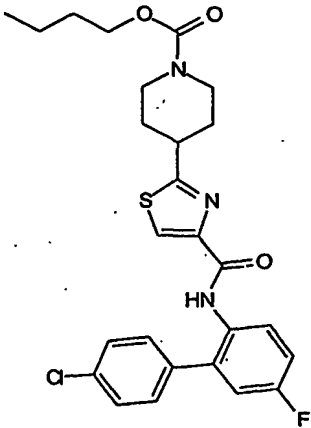
No.	FORMULA	NMR or mass
708	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
709		
710		

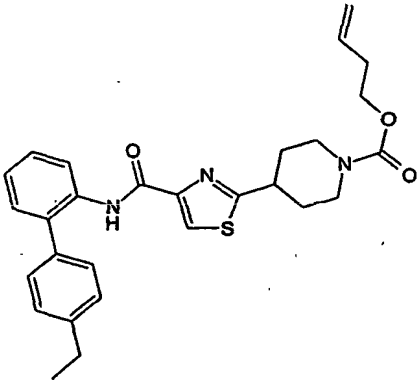
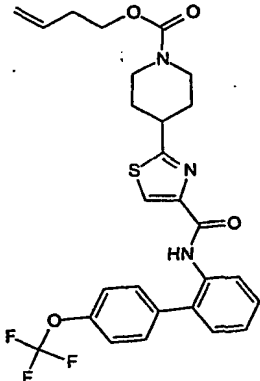
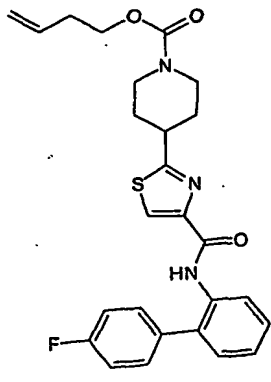


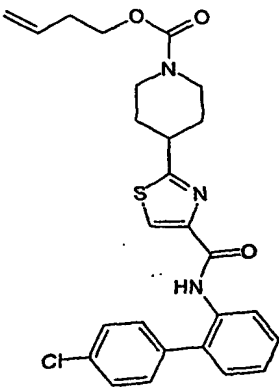
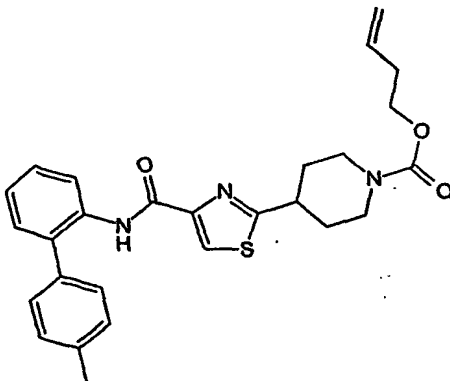
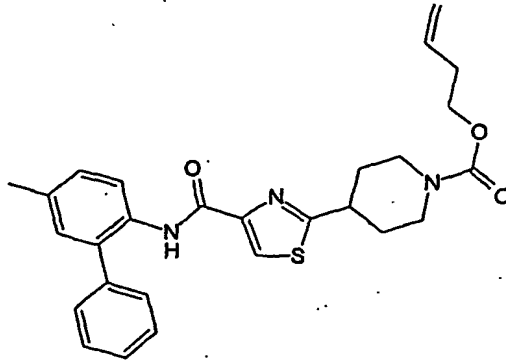
No.	FORMULA	NMR or mass
711	 <p>2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
712	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

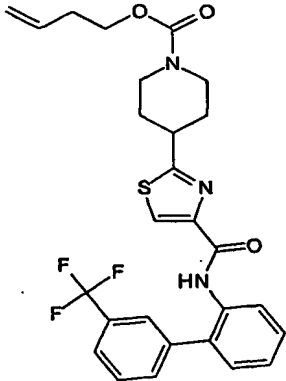
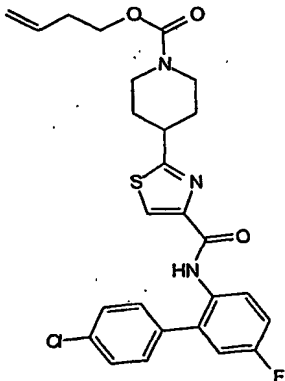
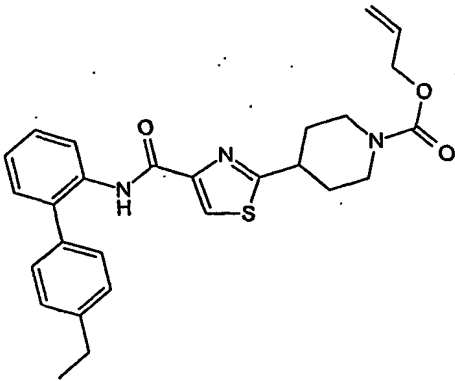
No.	FORMULA	NMR or mass
713	 <p data-bbox="285 793 1170 856">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
714		
715	 <p data-bbox="293 1780 1214 1843">butyl 4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	

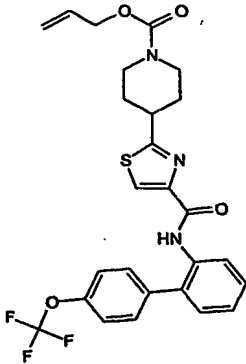
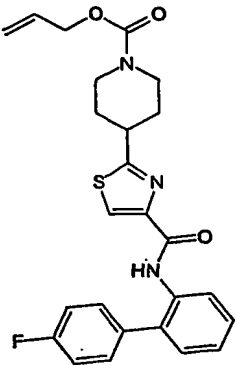
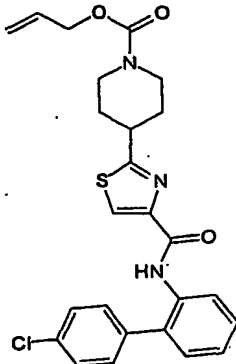
No.	FORMULA	NMR or mass
716	 <p>butyl 4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p>	
717	 <p>butyl 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p>	
718		

No.	FORMULA	NMR or mass
719		
720	 <p>butyl 4-[4-([3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
721	 <p>butyl 4-[4-([4'-chloro-5-fluorobiphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	

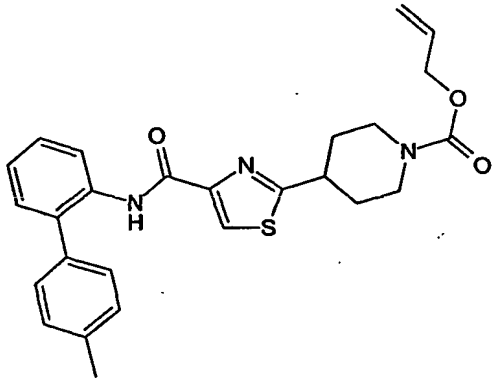
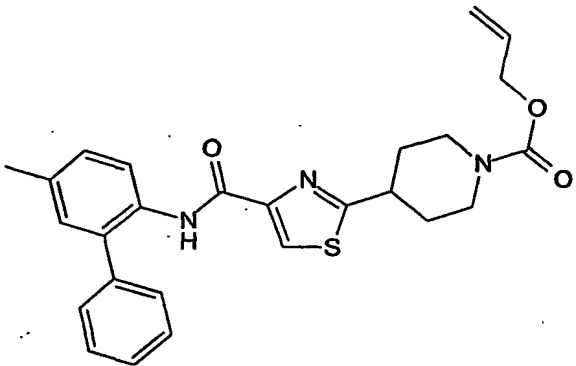
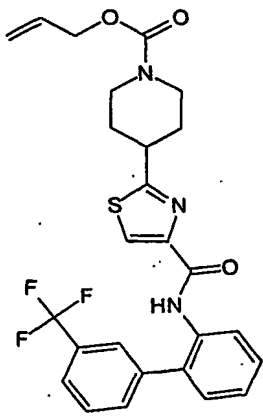
No.	FORMULA	NMR or mass
722	 <p>but-3-en-1-yl 4-(4-(((4'-ethylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p>	
723	 <p>but-3-en-1-yl 4-(4-(((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
724	 <p>but-3-en-1-yl 4-(4-(((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p>	

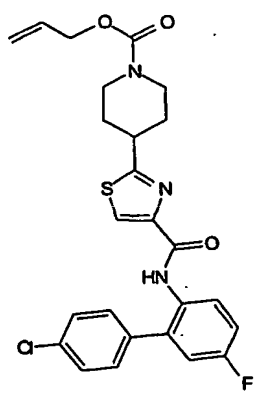
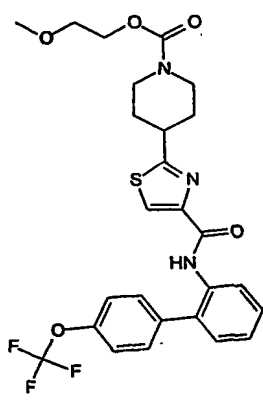
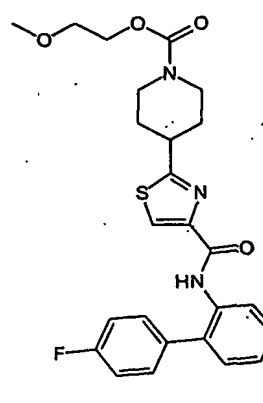
No.	FORMULA	NMR or mass
725	 <p>but-3-en-1-yl 4-(4-([(4'-chlorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p>	
726		
727		

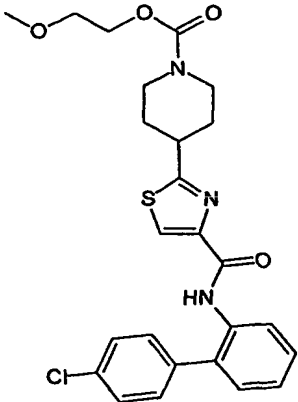
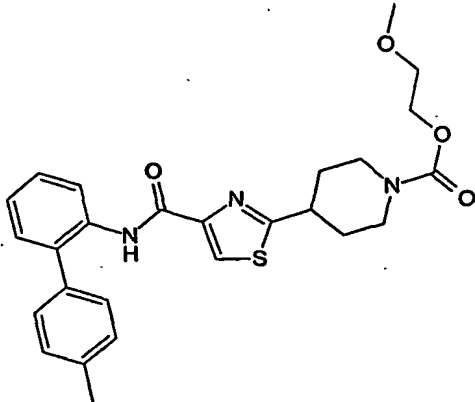
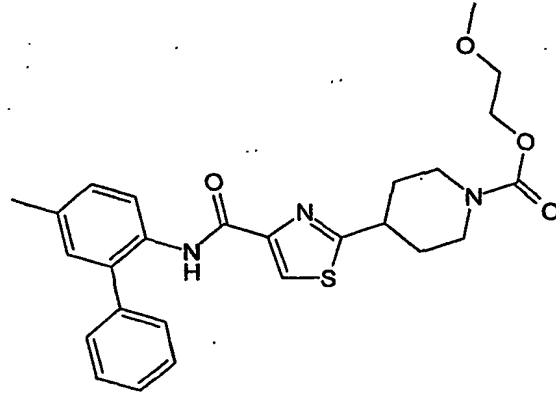
No.	FORMULA	NMR or mass
728	 <p>but-3-en-1-yl 4-[4-((3'-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
729	 <p>but-3-en-1-yl 4-[4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
730		

No.	FORMULA	NMR or mass
731	 <p>allyl 4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
732	 <p>allyl 4-(4-({[4'-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
733	 <p>allyl 4-(4-({[4'-chlorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	

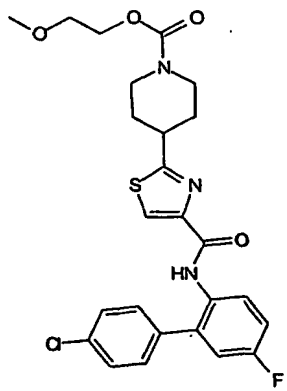
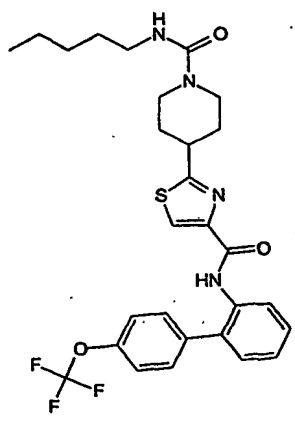


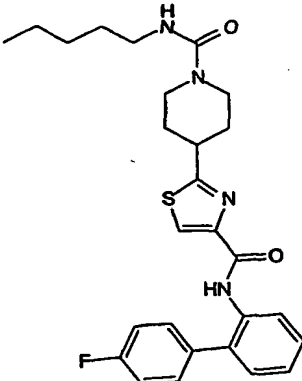
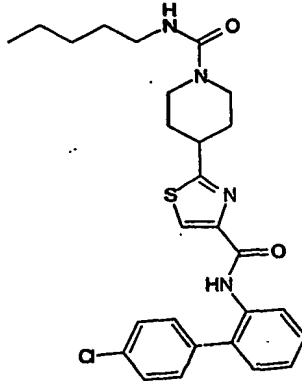
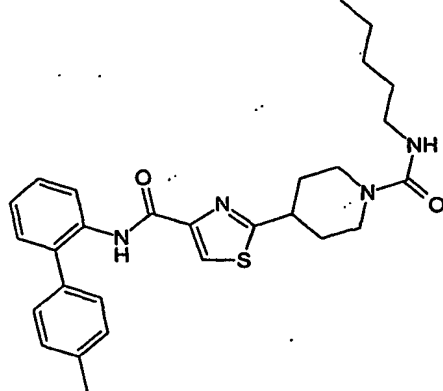
No.	FORMULA	NMR or mass
734		
735		
736	 <p data-bbox="297 1686 1177 1753">allyl 4-[(2-[(3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	

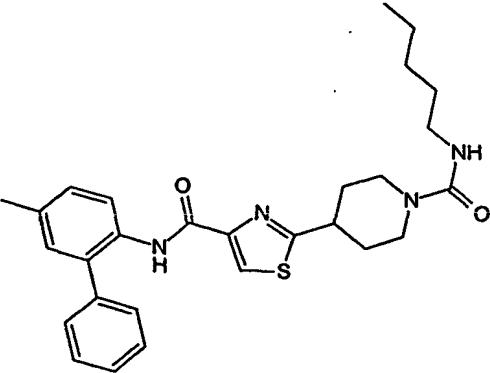
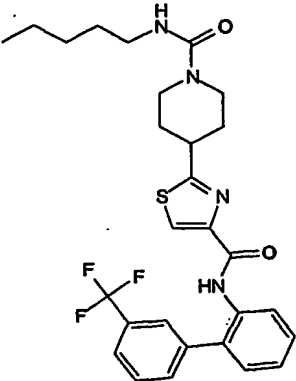
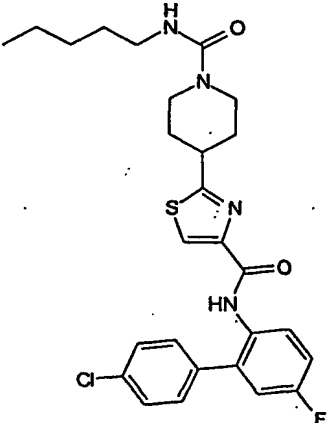
No.	FORMULA	NMR or mass
737	 <p>allyl 4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
738	 <p>2-methoxyethyl 4-(4-((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
739	 <p>2-methoxyethyl 4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	

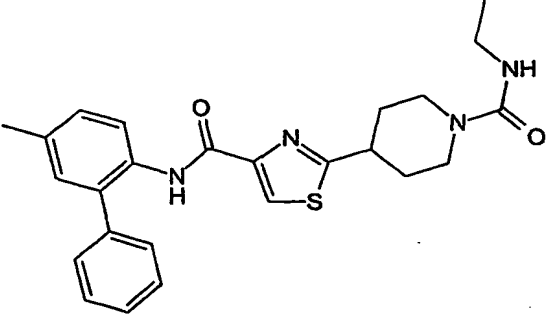
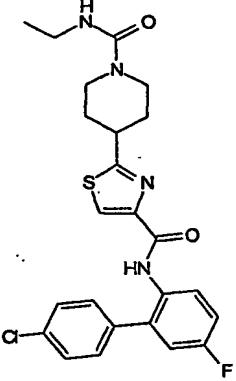
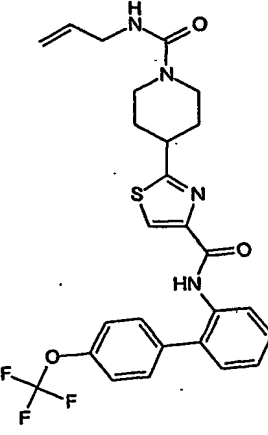
No.	FORMULA	NMR or mass
740	 <p>2-methoxyethyl 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
741		
742		

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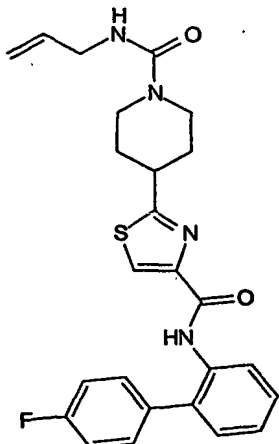
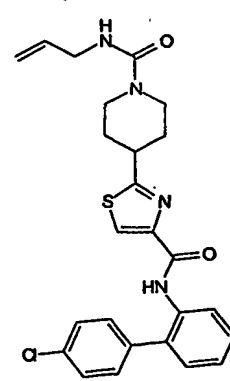
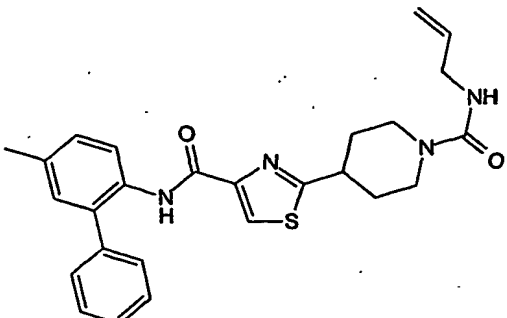
No.	FORMULA	NMR or mass
743	 <p>2-methoxyethyl 4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
744	 <p>N-pentyl-4-[4-((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	

No.	FORMULA	NMR or mass
745	 <p>4-(4-[[[4'-fluorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl)-N-pentylpiperidine-1-carboxamide</p>	
746	 <p>4-(4-[[[4'-chlorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl)-N-pentylpiperidine-1-carboxamide</p>	
747		

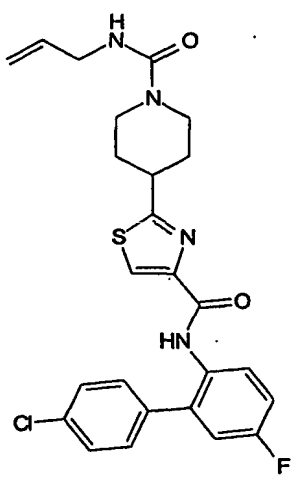
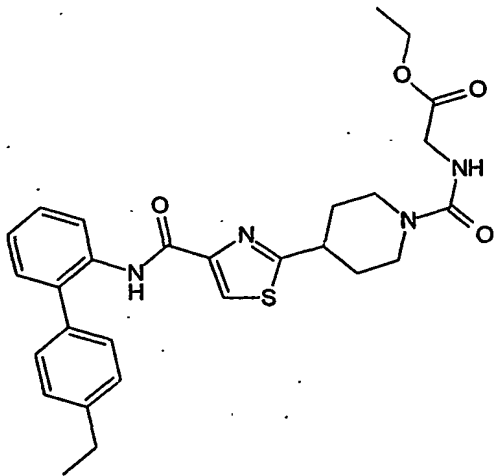
No.	FORMULA	NMR or mass
748		
749	 <p data-bbox="302 1213 1219 1272">N-pentyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
750	 <p data-bbox="302 1787 1187 1845">4-(4-({[4'-chloro-5-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)-N-pentylpiperidine-1-carboxamide</p>	

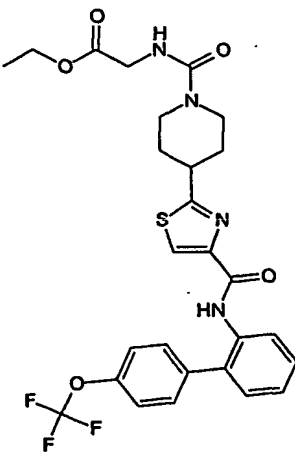
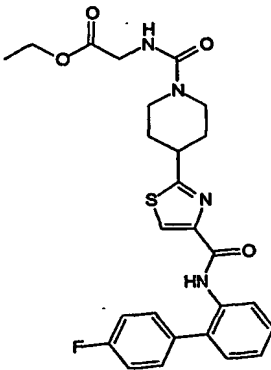
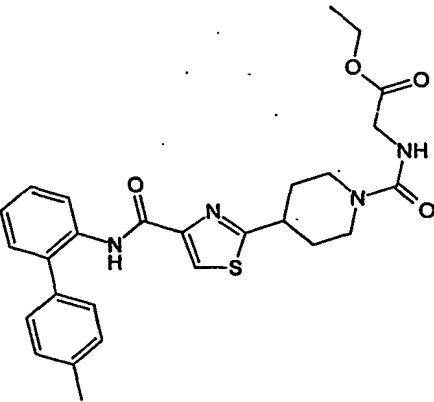
No.	FORMULA	NMR or mass
751		
752	 <p data-bbox="305 1182 1198 1245">4-(4-(((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-N-ethylpiperidine-1-carboxamide</p>	
753	 <p data-bbox="305 1728 1222 1785">N-allyl-4-(4-(((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	

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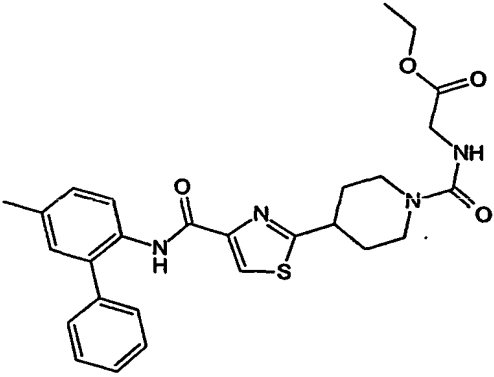
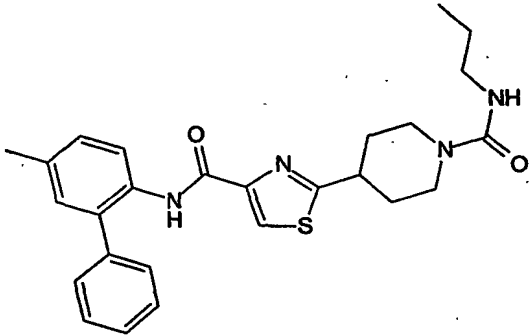
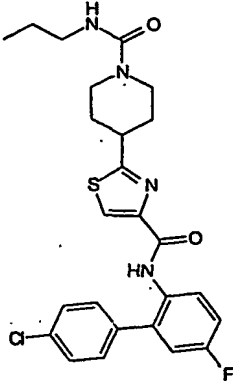
No.	FORMULA	NMR or mass
754	 <p data-bbox="292 861 1136 924">N-allyl-4-(4-(((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p>	
755	 <p data-bbox="292 1354 1136 1417">N-allyl-4-(4-(((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p>	
756		

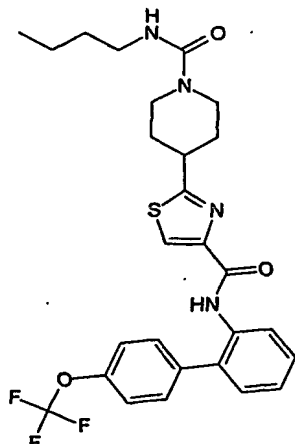
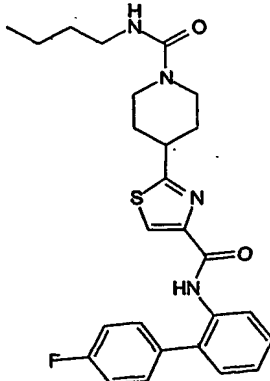


No.	FORMULA	NMR or mass
757	 <p data-bbox="292 882 1209 955">N-allyl-4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	
758	 <p data-bbox="292 1512 1153 1575">ethyl N-([4-(4-((4'-ethylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl)glycinate</p>	

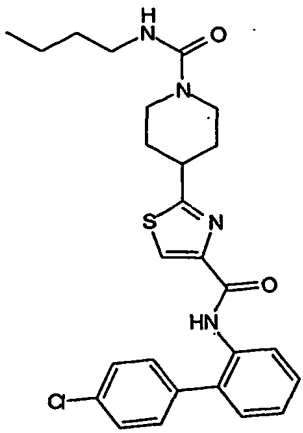
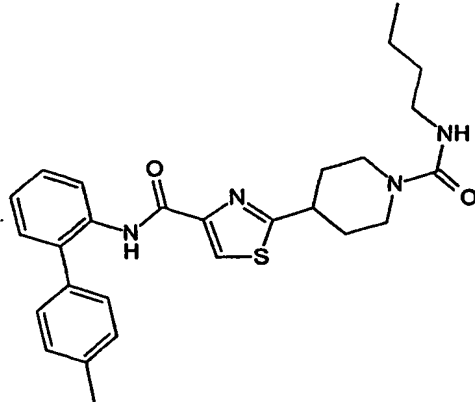
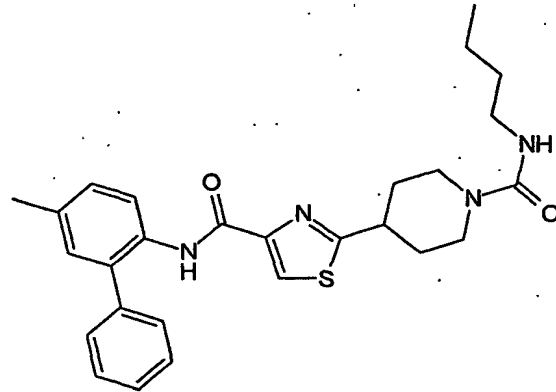
No.	FORMULA	NMR or mass
759	 <p>ethyl N-([4-[4-([4'-(trifluoromethoxy)biphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl)glycinate</p>	
760	 <p>ethyl N-([4-[4-([4'-fluorobiphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl)glycinate</p>	
761		

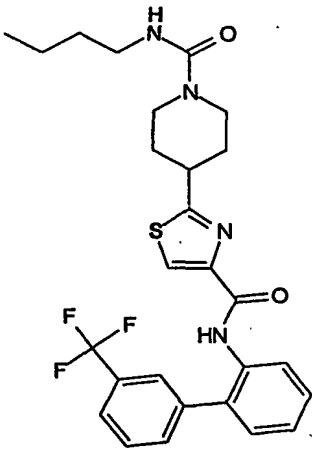
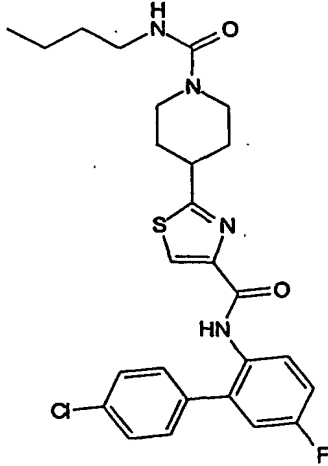
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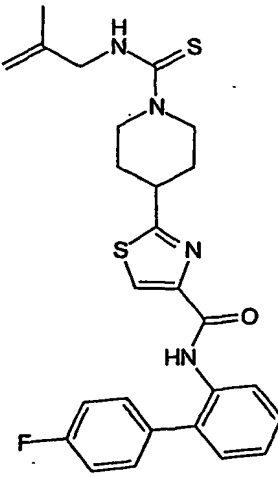
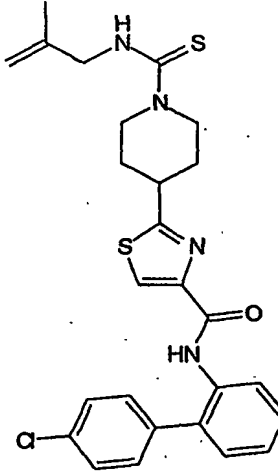
No.	FORMULA	NMR or mass
762		
763		
764	 <p data-bbox="298 1667 1185 1730">4-{4-[[[4'-chloro-5-fluorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl}-N-propylpiperidine-1-carboxamide</p>	

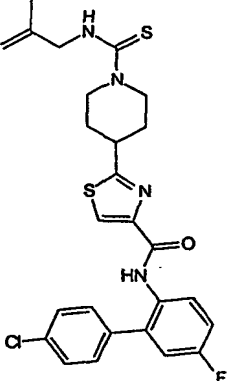
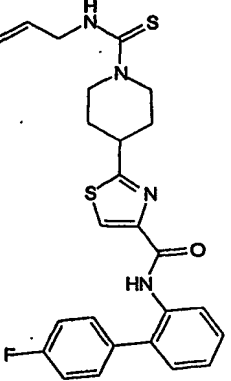
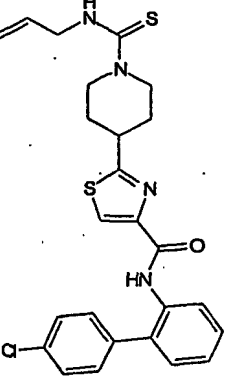
No.	FORMULA	NMR or mass
765	 <p data-bbox="300 871 1136 934">N-butyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
766	 <p data-bbox="300 1417 1144 1470">N-butyl-4-[4-({[4'-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]-piperidine-1-carboxamide</p>	

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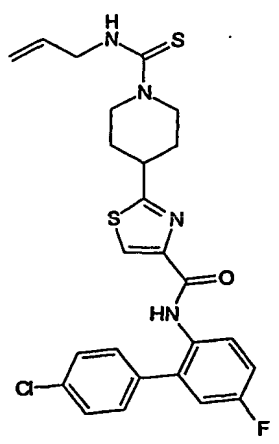
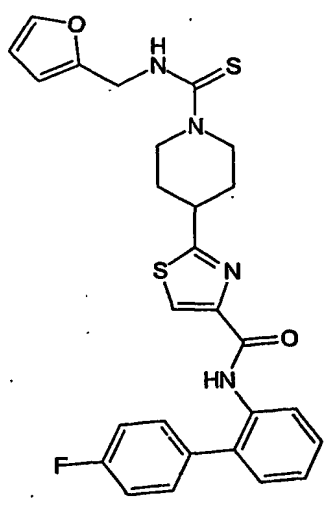
No.	FORMULA	NMR or mass
767	 <p>N-butyl-4-(4-([(4'-chlorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p>	
768		
769		

No.	FORMULA	NMR or mass
770	 <p data-bbox="289 871 1208 934">N-butyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
771	 <p data-bbox="289 1501 1208 1564">N-butyl-4-[4-({[4'-chloro-5-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	

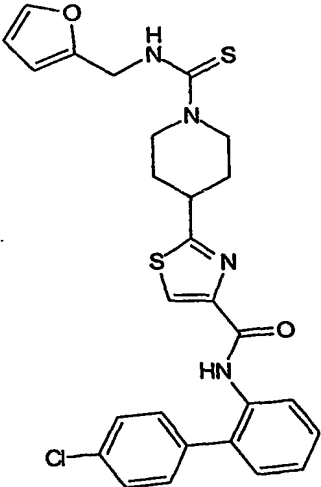
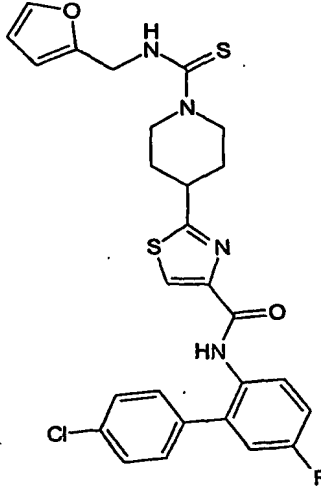
No.	FORMULA	NMR or mass
772	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-(((2-methylprop-2-en-1-yl)amino)carbonylthio)thiazole-4-carboxamide</p>	
773	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-(((2-methylprop-2-en-1-yl)amino)carbonylthio)thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
774	 <p data-bbox="293 793 1175 852">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-((2-methylprop-2-en-1-yl)amino)carbonothioylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
775	 <p data-bbox="293 1335 1203 1394">2-((1-((allylamino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
776	 <p data-bbox="293 1856 1203 1915">2-((1-((allylamino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

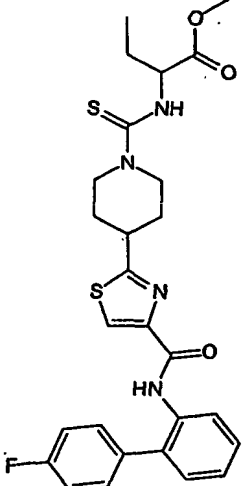
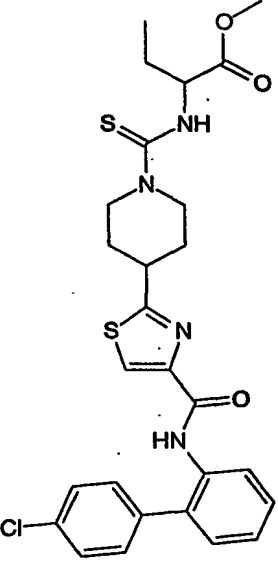


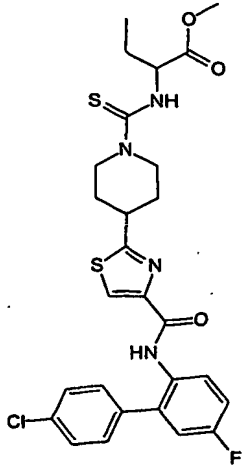
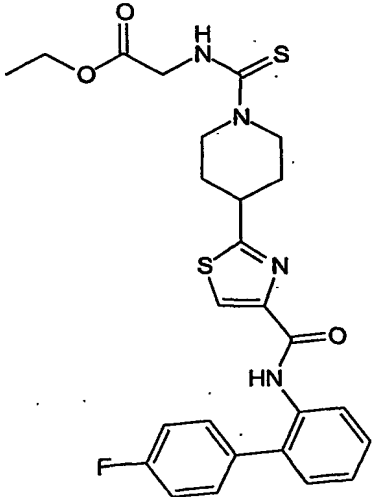
No.	FORMULA	NMR or mass
777	 <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
778	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-[(2-furylmethyl)amino]carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

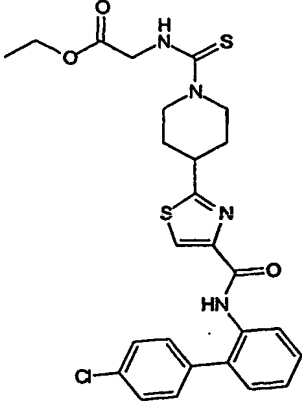
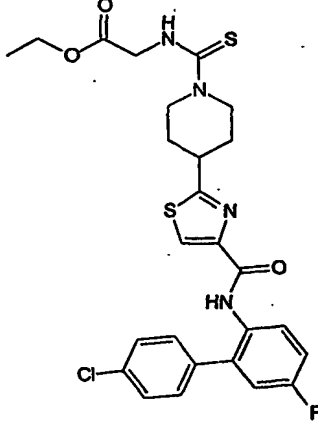
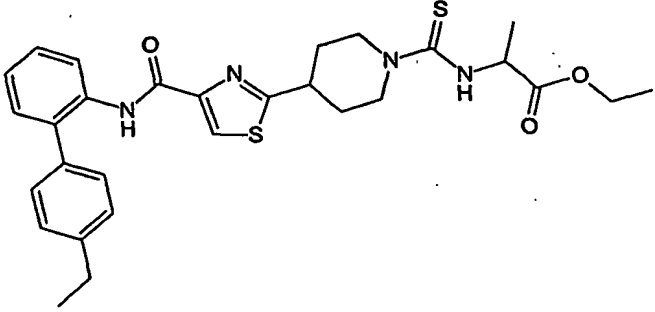
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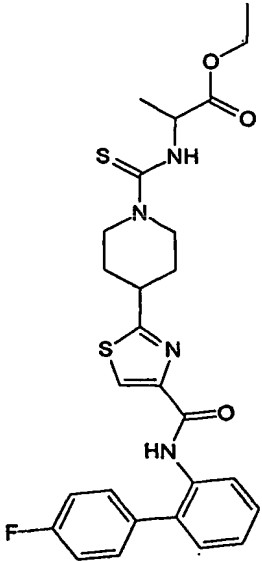
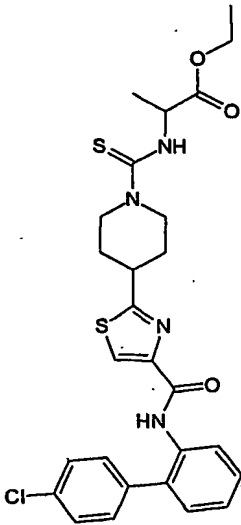
No.	FORMULA	NMR or mass
779	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-[(2-furylmethyl)amino]carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
780	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[(2-furylmethyl)amino]carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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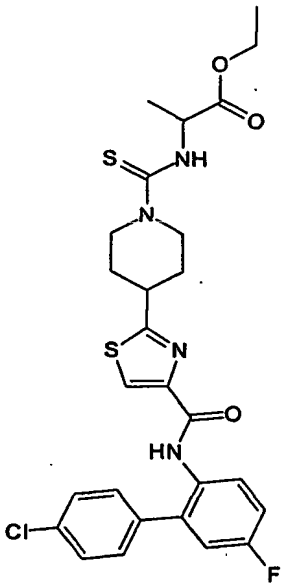
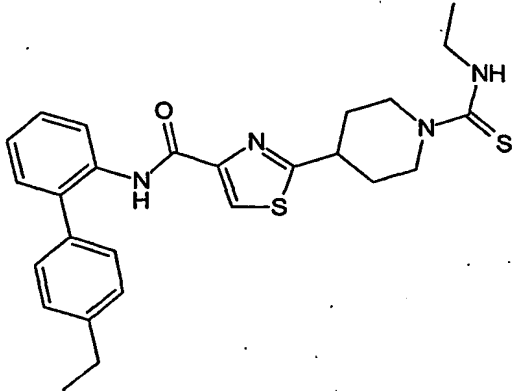
No.	FORMULA	NMR or mass
781	 <p data-bbox="300 913 1193 976">methyl 2-({[4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl}amino)butanoate</p>	
782	 <p data-bbox="300 1638 1193 1701">methyl 2-({[4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl}amino)butanoate</p>	

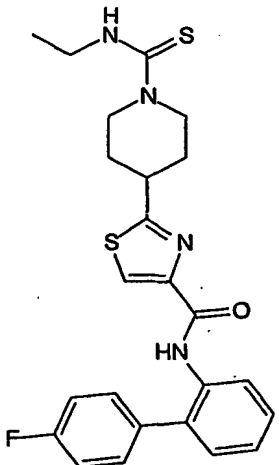
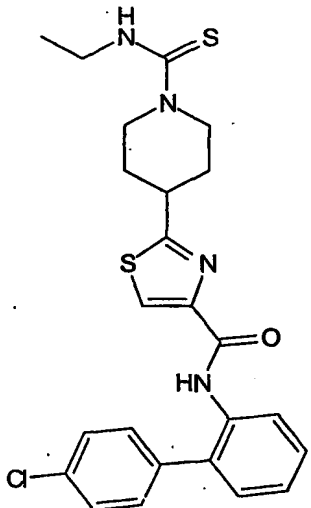
No.	FORMULA	NMR or mass
783	 <p data-bbox="297 898 1141 961">methyl 2-(((4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)amino)butanoate</p>	
784	 <p data-bbox="297 1602 1157 1665">ethyl N-([4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioyl)glycinate</p>	

No.	FORMULA	NMR or mass
785	 <p>ethyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioylglycinate</p>	
786	 <p>ethyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioylglycinate</p>	
787		

No.	FORMULA	NMR or mass
788	 <p>ethyl N-([4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioyl)alaninate</p>	
789	 <p>ethyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioyl)alaninate</p>	

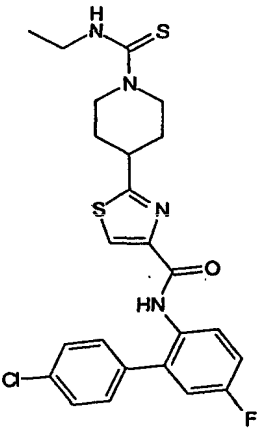
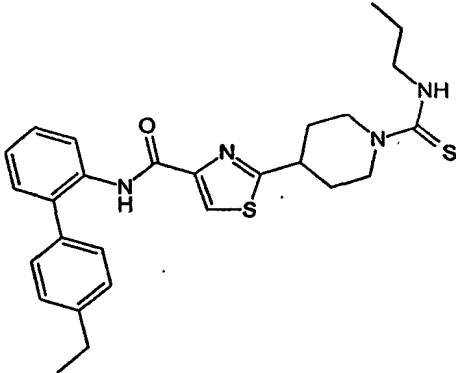
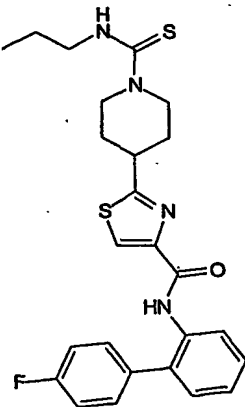
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No.	FORMULA	NMR or mass
790	 <p>ethyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbamate</p>	
791		

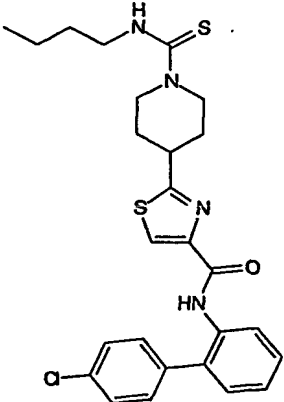
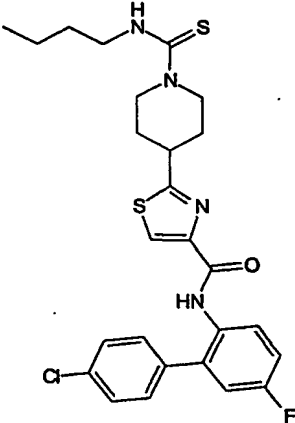
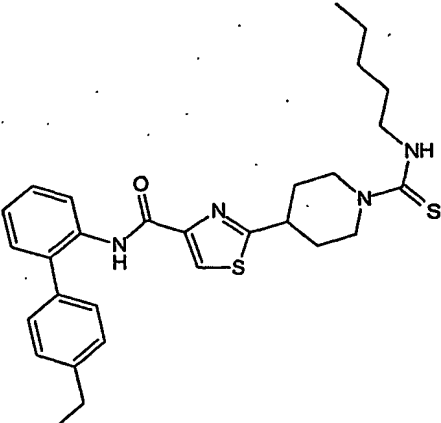
No.	FORMULA	NMR or mass
792	 <p data-bbox="289 892 1218 955">2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
793	 <p data-bbox="289 1564 1169 1627">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

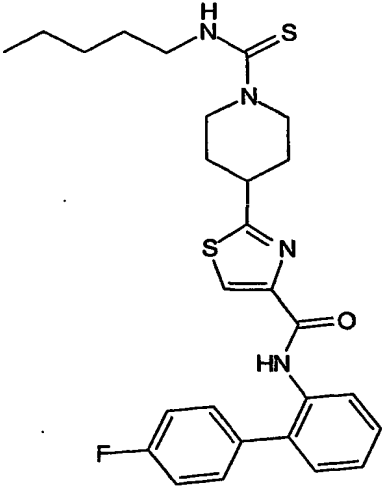
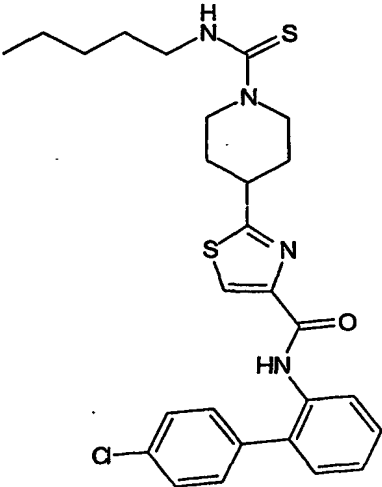


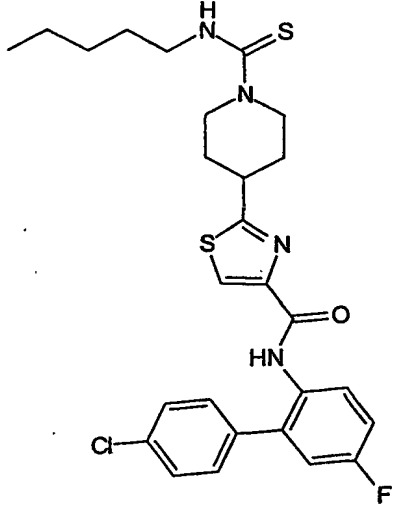
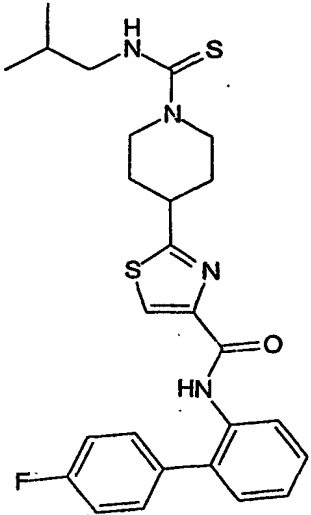
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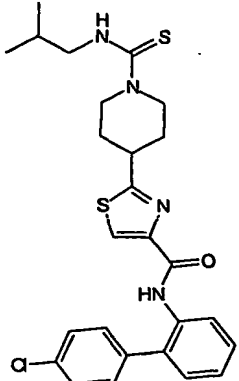
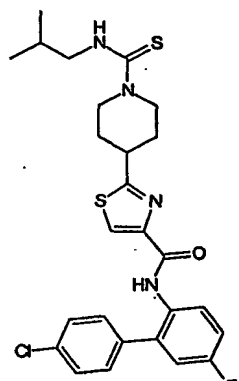
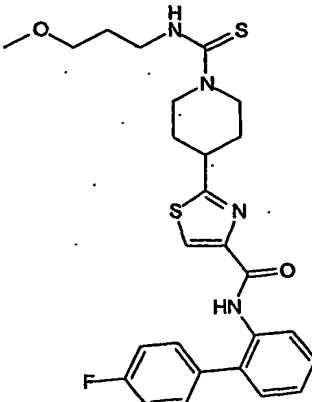
No.	FORMULA	NMR or mass
794	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
795	 <p>N-(4-ethylbiphenyl-2-yl)-2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
796	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
797	<p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
798	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
799	<p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

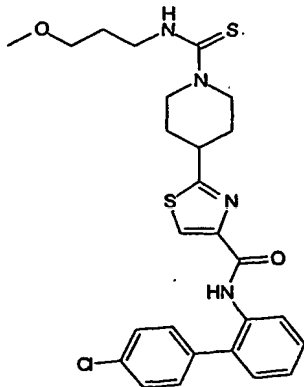
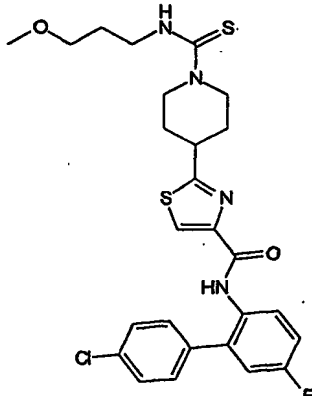
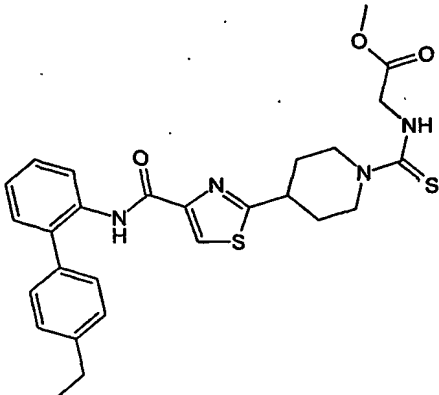
No.	FORMULA	NMR or mass
800	 <p data-bbox="297 800 1175 852">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
801	 <p data-bbox="297 1346 1214 1398">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
802		

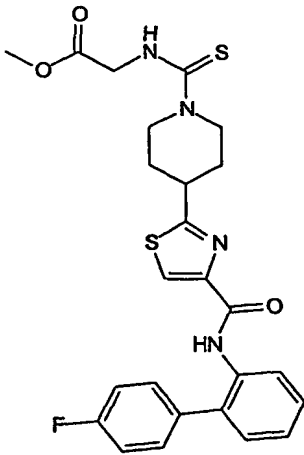
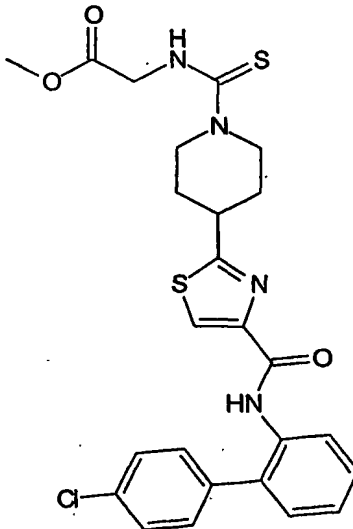
No.	FORMULA	NMR or mass
803	 <p data-bbox="305 915 1195 972">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
804	 <p data-bbox="305 1587 1195 1644">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
805	 <p data-bbox="293 926 1130 989">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
806	 <p data-bbox="293 1598 1203 1661">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

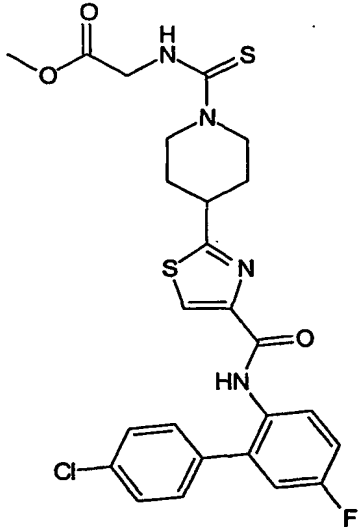
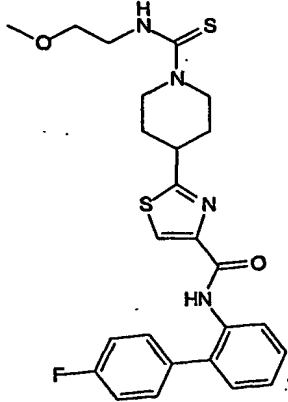
No.	FORMULA	NMR or mass
807	 <p data-bbox="293 766 1211 821">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
808	 <p data-bbox="293 1283 1146 1337">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
809	 <p data-bbox="293 1795 1162 1850">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(3-methoxypropyl)amino]carbonothioyl}piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

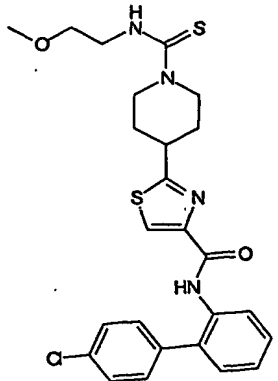
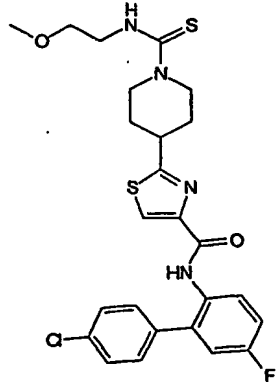
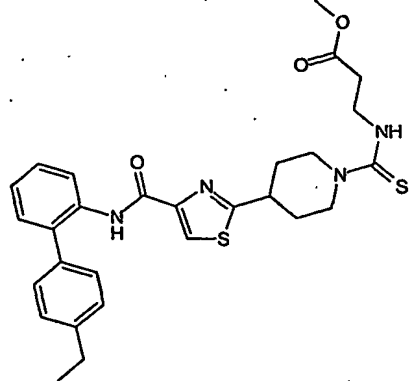
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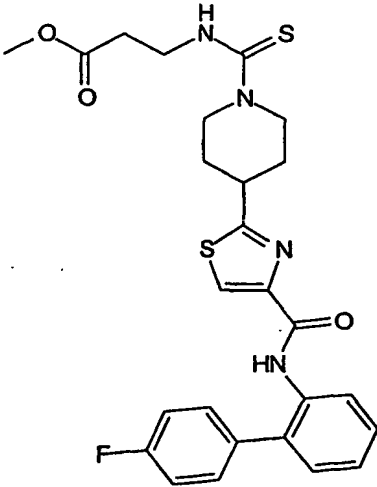
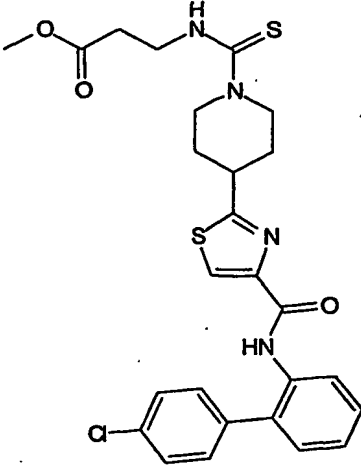
No.	FORMULA	NMR or mass
810	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-[[[3-methoxypropyl]amino]-carbonothioyl]-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
811	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[[[3-methoxypropyl]amino]carbonothioyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
812	 <p>N-(4-ethylbiphenyl-2-yl)-2-(1-[[[3-methoxypropyl]amino]carbonothioyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

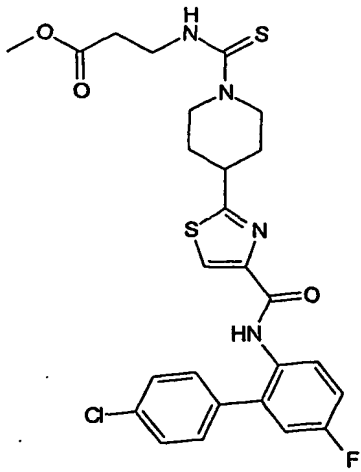
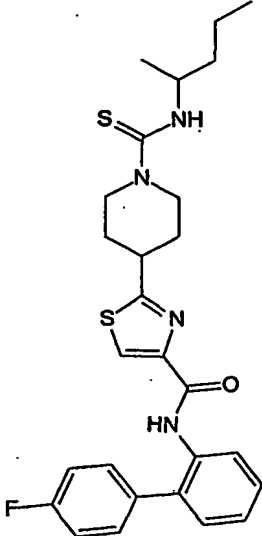
No.	FORMULA	NMR or mass
813	 <p data-bbox="300 861 1185 913">methyl N-([4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioylglycinate</p>	
814	 <p data-bbox="300 1543 1185 1606">methyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioylglycinate</p>	

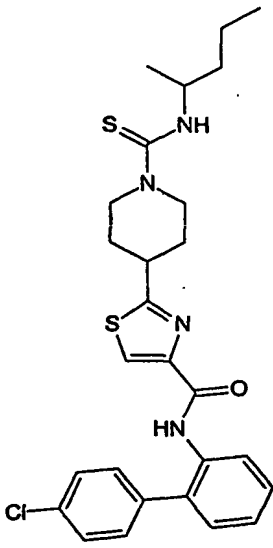
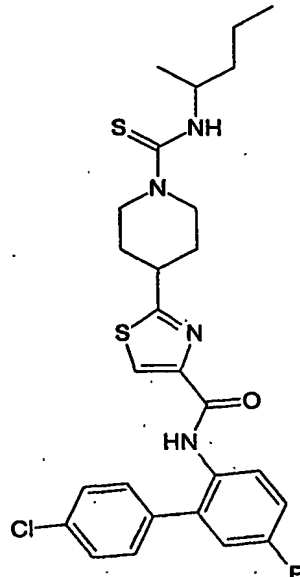


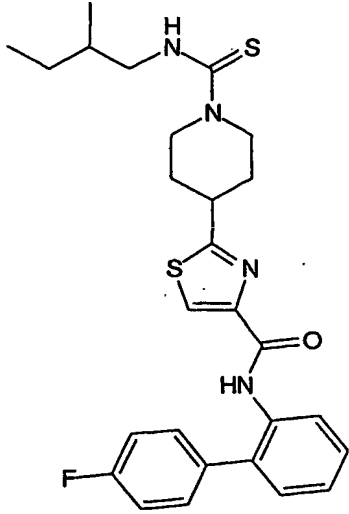
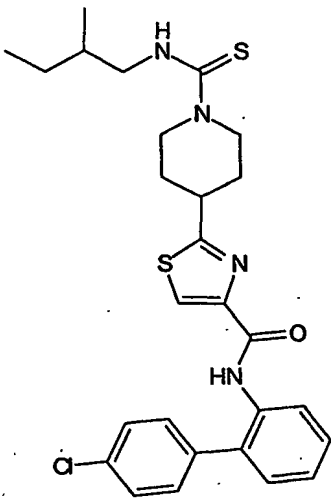
No.	FORMULA	NMR or mass
815	 <p data-bbox="297 953 1138 1016">methyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl)glycinate</p>	
816	 <p data-bbox="297 1514 1162 1575">N-(4'-fluorobiphenyl-2-yl)-2-(1-((2-methoxyethyl)amino)-carbonothioyl)-piperidin-4-yl-1,3-thiazole-4-carboxamide</p>	

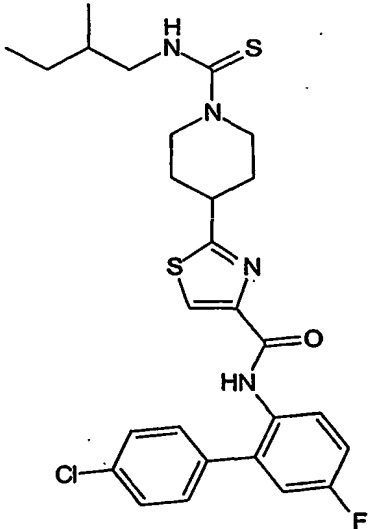
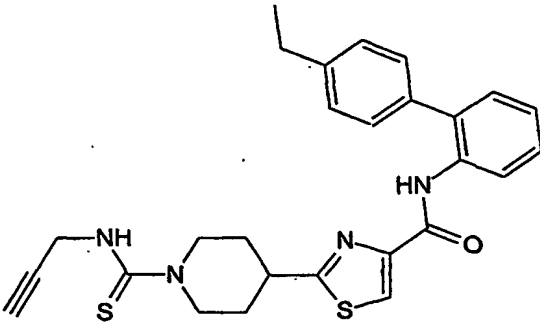
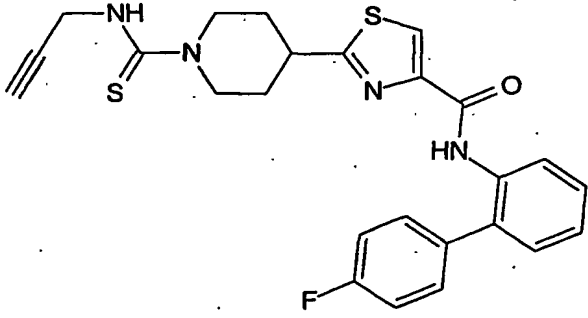
No.	FORMULA	NMR or mass
817	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-((2-methoxyethyl)amino)-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
818	 <p>N-(4-chloro-5-fluorobiphenyl-2-yl)-2-(1-((2-methoxyethyl)amino)-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
819	 <p>methyl N-([4-(4-((4'-ethylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	

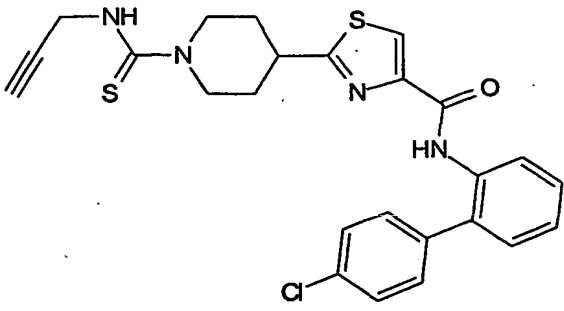
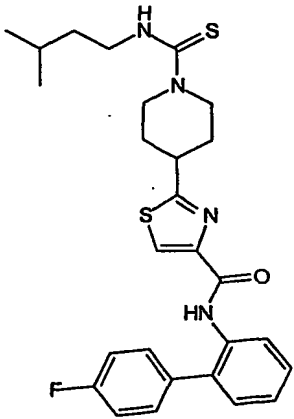
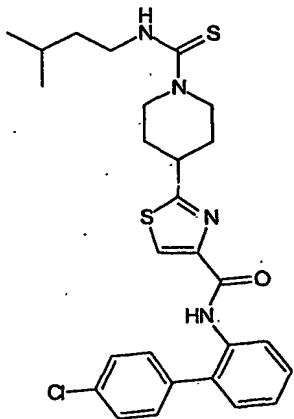
No.	FORMULA	NMR or mass
820	 <p data-bbox="300 905 1187 961">methyl N-([4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	
821	 <p data-bbox="300 1556 1187 1612">methyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	

No.	FORMULA	NMR or mass
822	 <p>methly N-[[4-(4-[[4'-chloro-5-fluorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]carbonothioyl]-beta-alaninate</p>	
823	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-[[1-methylbutyl]amino]-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

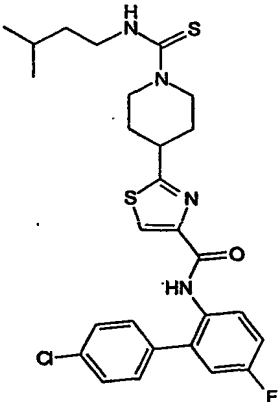
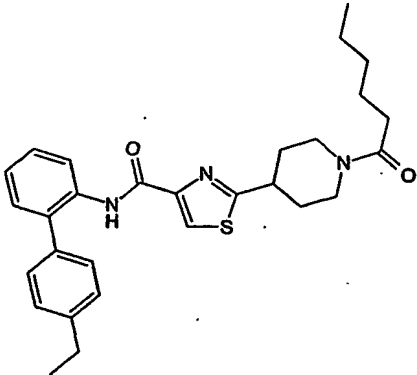
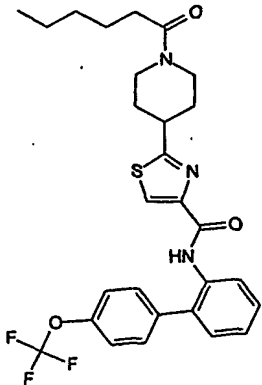
No.	FORMULA	NMR or mass
824	 <p data-bbox="302 942 1148 1001">N-(4'-chlorobiphenyl-2-yl)-2-(1-(((1-methylbutyl)amino)-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
825	 <p data-bbox="302 1659 1172 1719">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-(((1-methylbutyl)amino)-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

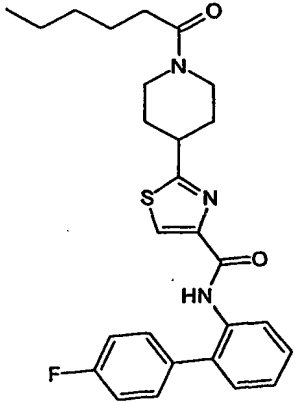
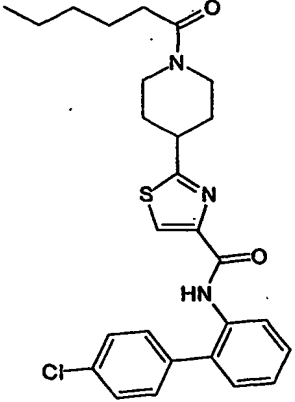
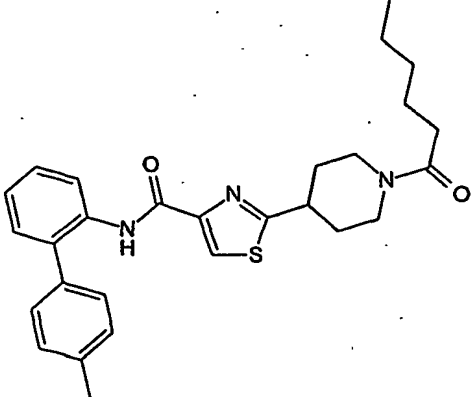
No.	FORMULA	NMR or mass
826	 <p data-bbox="293 926 1127 982">N-(4'-fluorobiphenyl-2-yl)-2-(1-(((2-methylbutyl)amino)carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
827	 <p data-bbox="293 1556 1138 1612">N-(4'-chlorobiphenyl-2-yl)-2-(1-(((2-methylbutyl)amino)carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

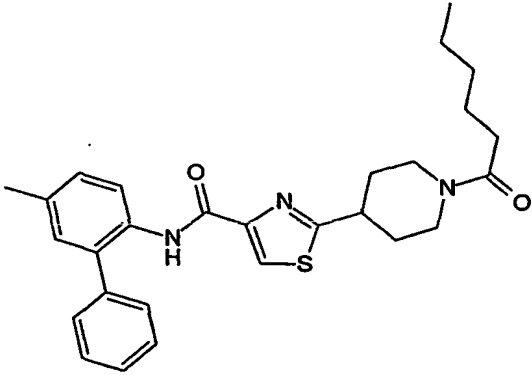
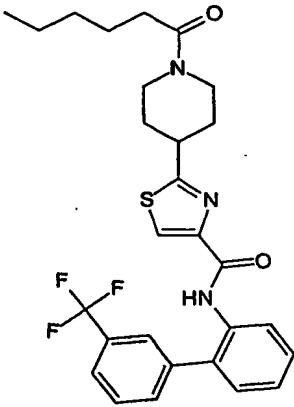
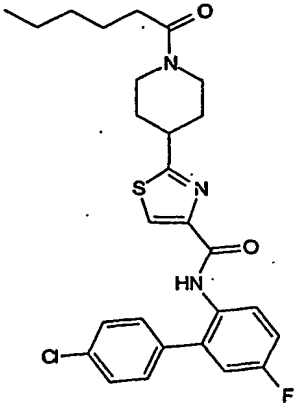
No.	FORMULA	NMR or mass
828	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-(((2-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
829		
830		

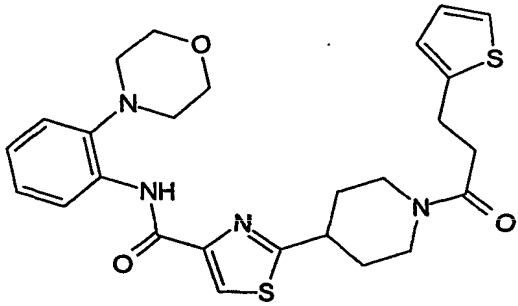
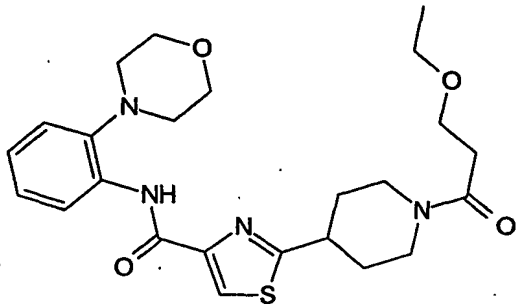
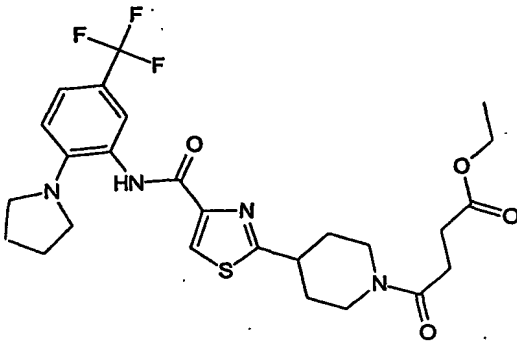
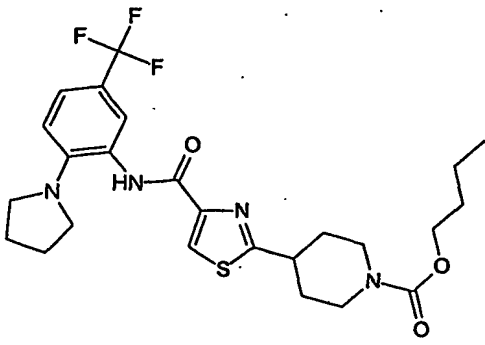
No.	FORMULA	NMR or mass
831		
832	 <p data-bbox="305 1213 1136 1276">N-(4'-fluorobiphenyl-2-yl)-2-(1-[[3-methylbutyl]amino]-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
833	 <p data-bbox="305 1780 1136 1843">N-(4'-chlorobiphenyl-2-yl)-2-(1-[[3-methylbutyl]amino]-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

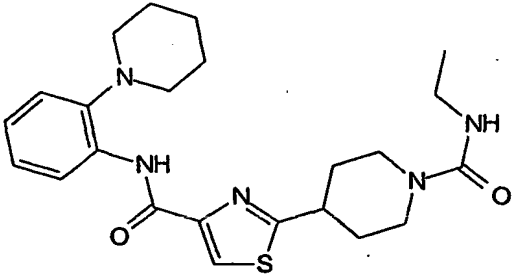
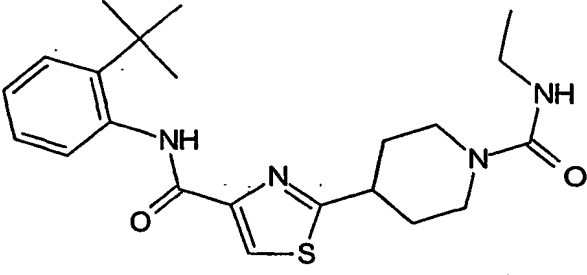
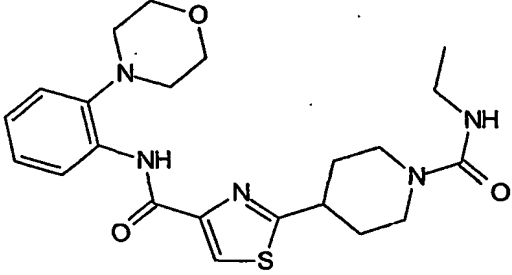
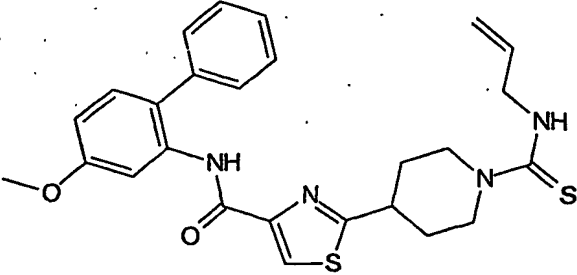


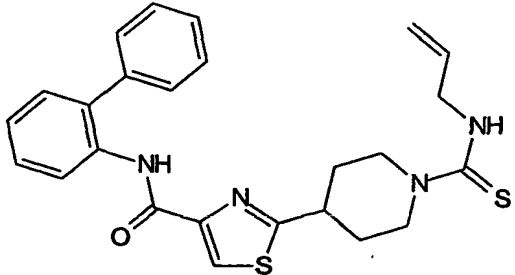
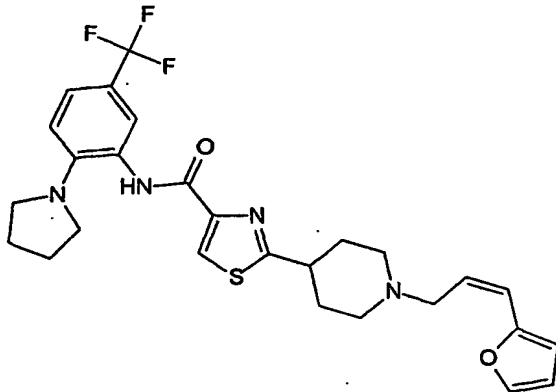
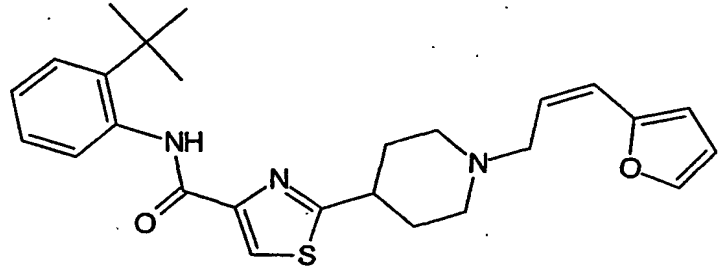
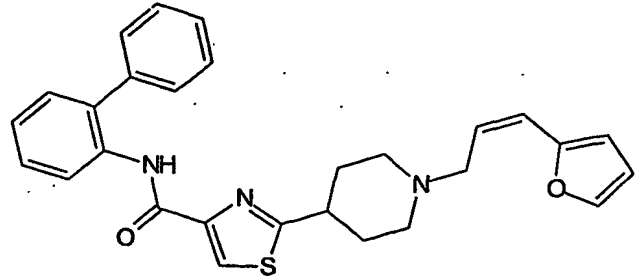
No.	FORMULA	NMR or mass
834	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[(3-methylbutyl)amino]carbonylthio)thiazole-4-carboxamide</p>	
835	 <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
836	 <p>2-(1-hexanoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

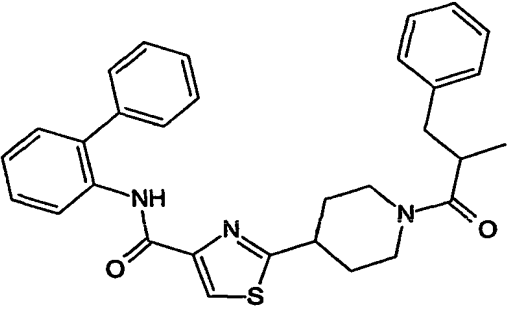
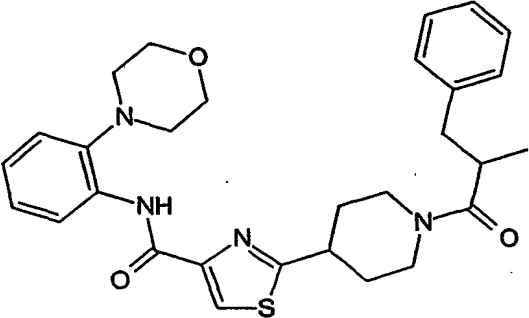
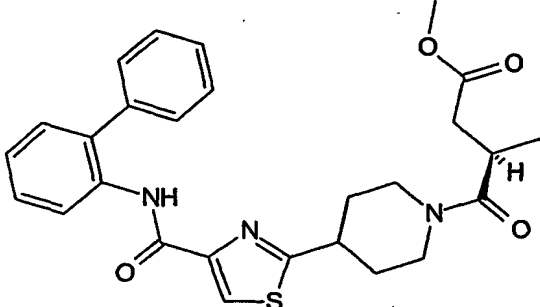
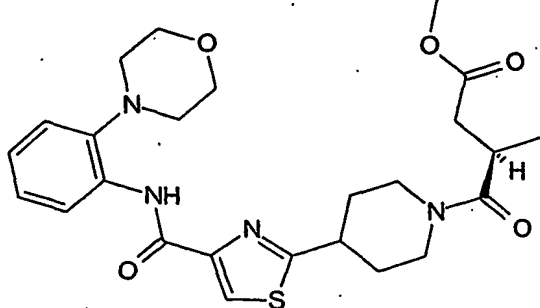
No.	FORMULA	NMR or mass
837	 <p data-bbox="302 814 1133 867">N-(4'-fluorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
838	 <p data-bbox="302 1354 1133 1407">N-(4'-chlorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
839		

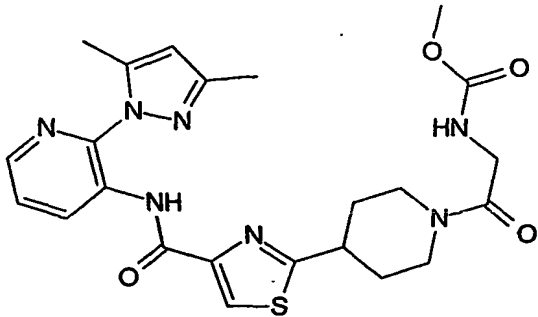
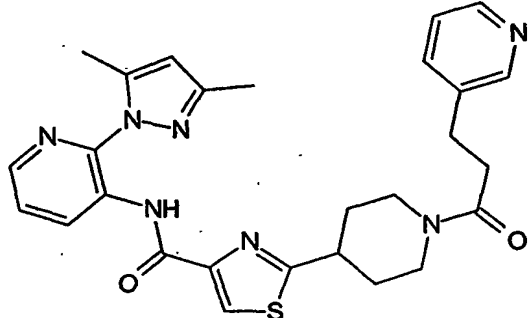
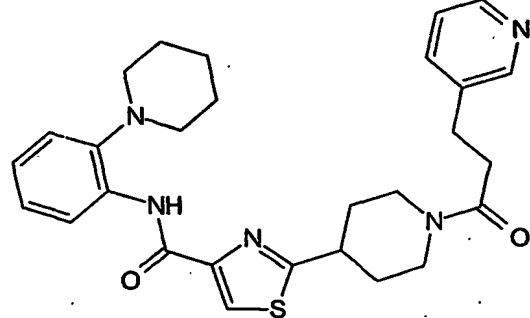
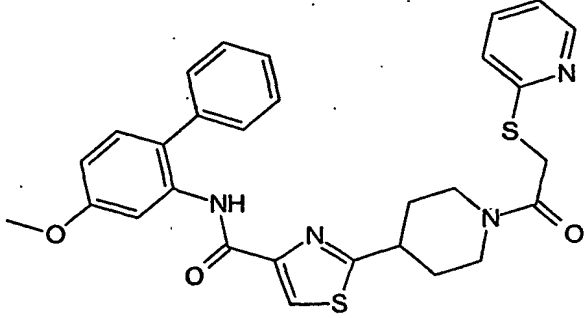
No.	FORMULA	NMR or mass
840		
841	 <p data-bbox="298 1262 1219 1314">2-(1-hexanoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
842	 <p data-bbox="298 1772 1208 1824">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
843		
844		
845		
846		

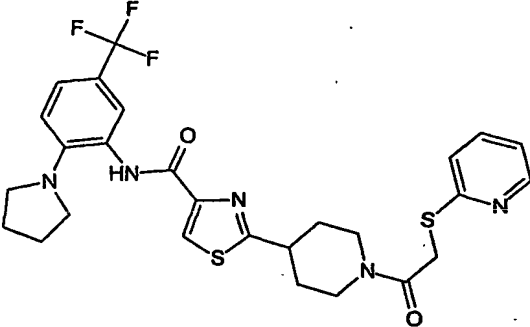
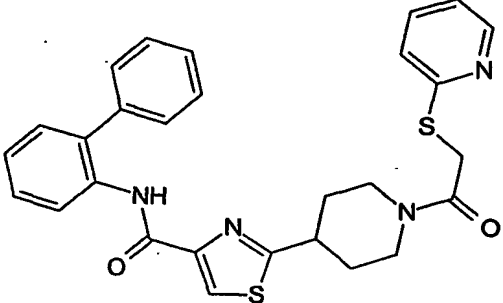
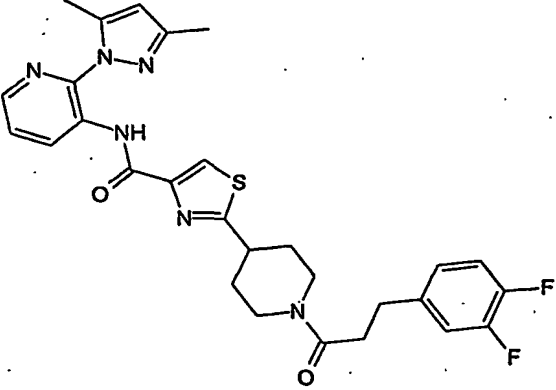
No.	FORMULA	NMR or mass
847		
848		
849		
850		

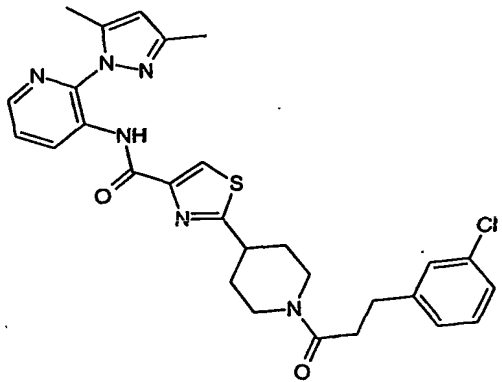
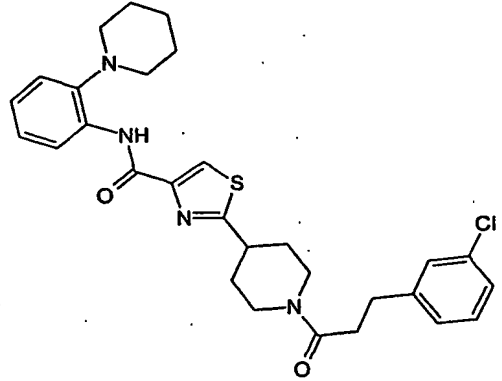
No.	FORMULA	NMR or mass
851		
852		
853		
854		

No.	FORMULA	NMR or mass
855		
856		
857		
858		

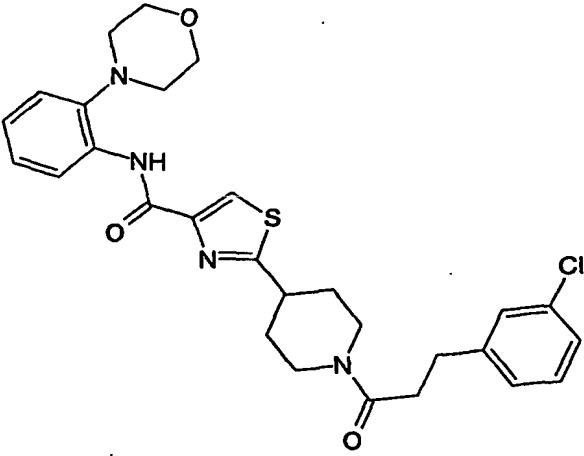
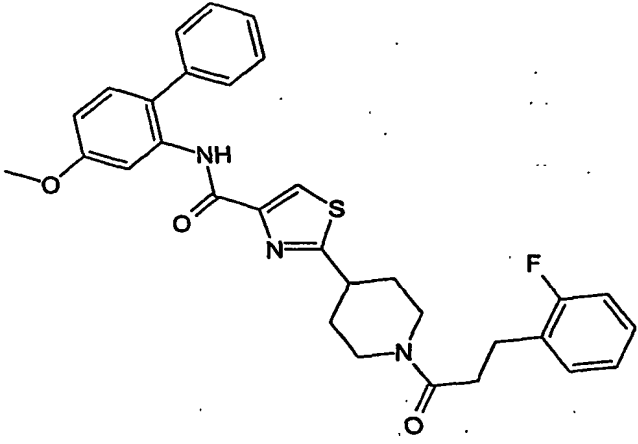
No.	FORMULA	NMR or mass
859		
860		
861		
862		

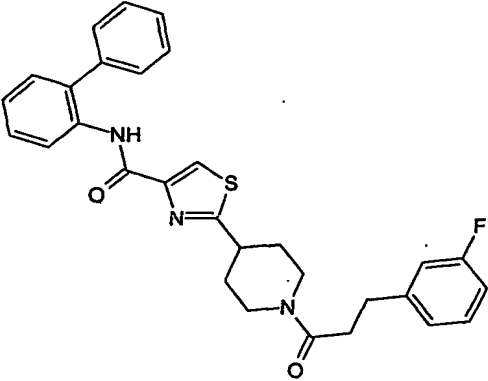
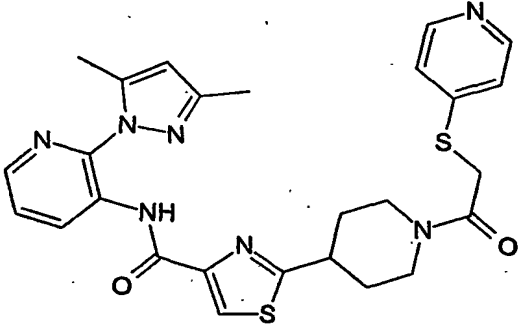
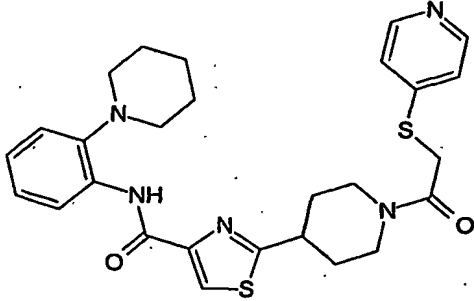


No.	FORMULA	NMR or mass
863		
864		
865	 <p data-bbox="300 1579 1205 1633">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	

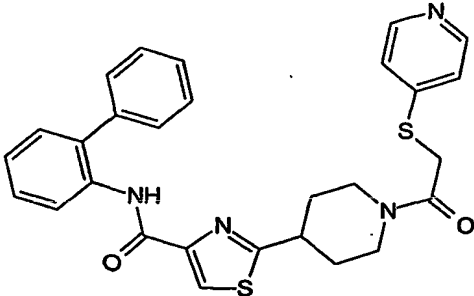
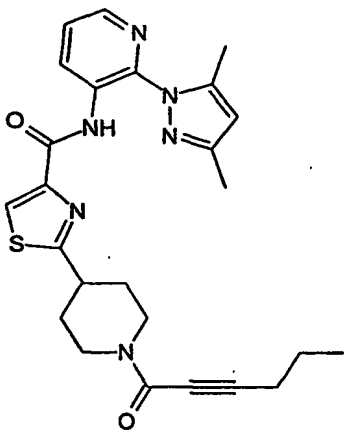
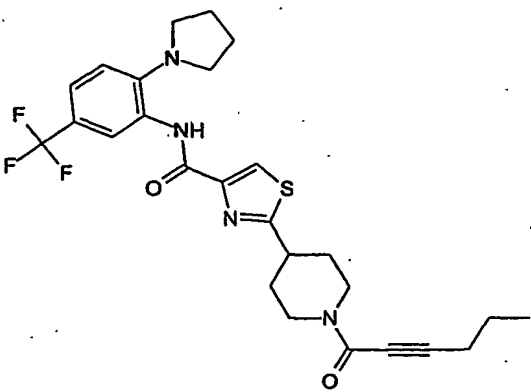
No.	FORMULA	NMR or mass
866	 <p data-bbox="305 766 1177 829">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
867	 <p data-bbox="305 1312 1226 1375">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

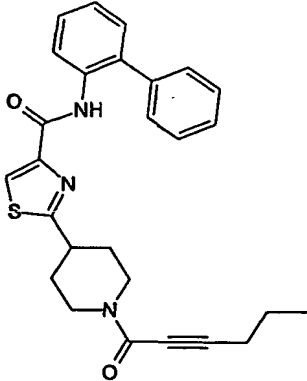
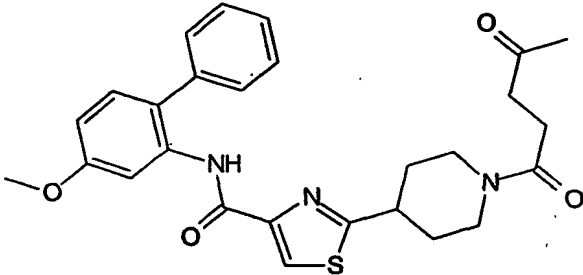
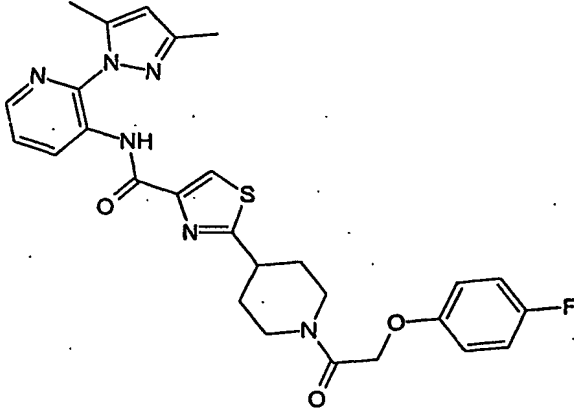
- 343 -

No.	FORMULA	NMR or mass
868	 <p data-bbox="293 898 1128 961">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-morpholin-4-yl-phenyl)-1,3-thiazole-4-carboxamide</p>	
869	 <p data-bbox="297 1522 1185 1585">2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

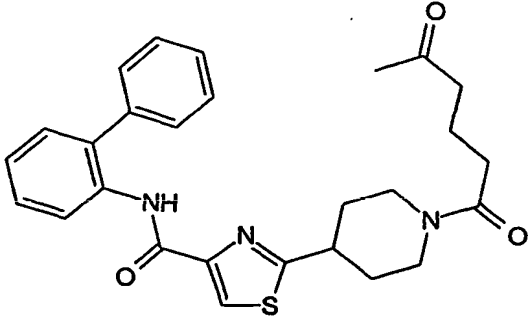
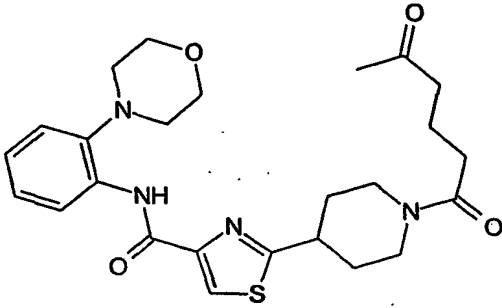
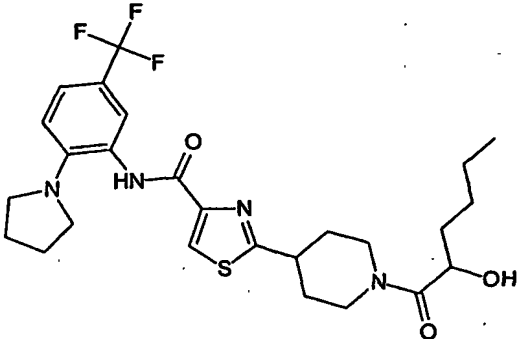
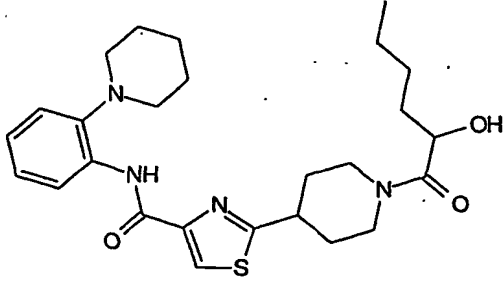
No.	FORMULA	NMR or mass
870	 <p data-bbox="293 800 1122 856">N-biphenyl-2-yl-2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
871		
872		

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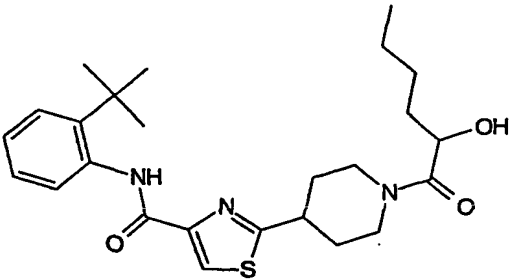
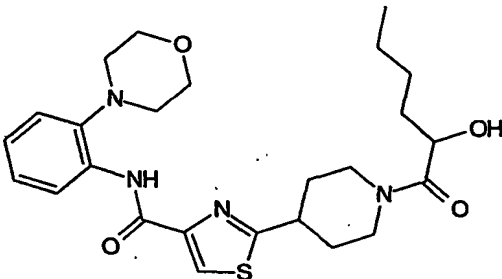
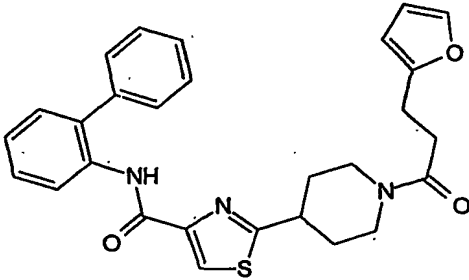
No.	FORMULA	NMR or mass
873		
874	 <p data-bbox="300 1291 1209 1354">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
875	 <p data-bbox="300 1806 1209 1869">2-(1-hex-2-ynoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
876	 <p>N-biphenyl-2-yl-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
877		
878	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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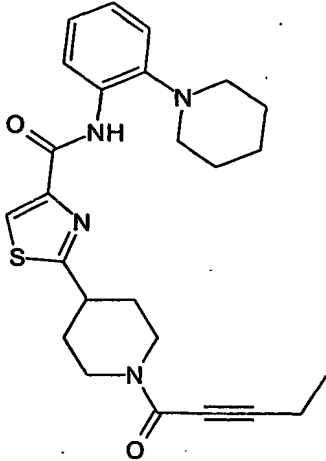
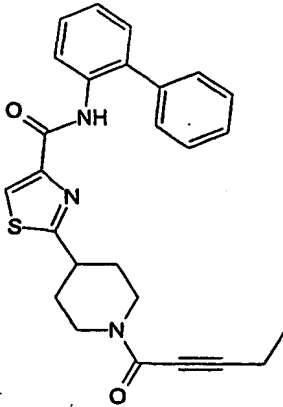
No.	FORMULA	NMR or mass
879		
880		
881		
882		

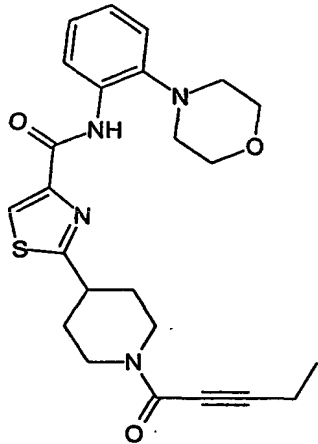
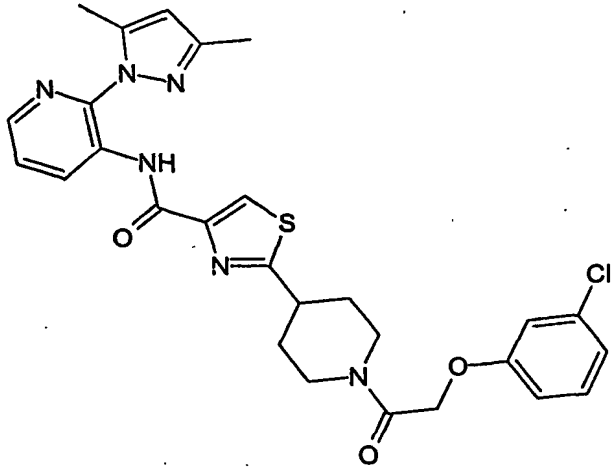
- 348 -

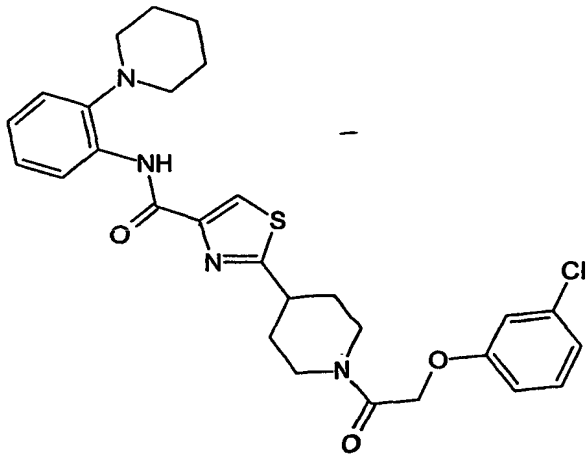
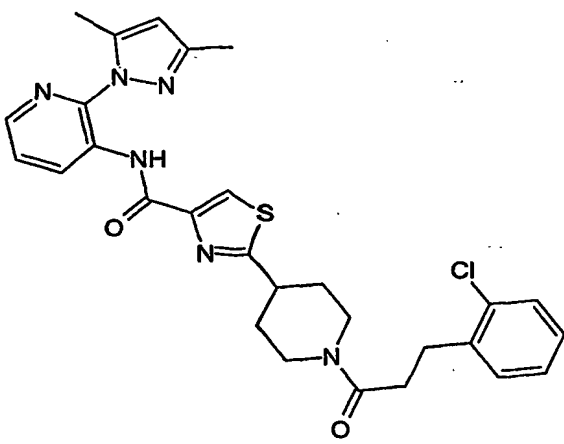
No.	FORMULA	NMR or mass
883	 <chem>CCCC(=O)N1CCN(CC1)C2=CN=C(C2=CS2)C(=O)Nc3cc(C(C)(C)C)ccc3</chem>	
884	 <chem>CCCC(=O)N1CCN(CC1)C2=CN=C(C2=CS2)C(=O)Nc3cc(N4CCOCC4)ccc3</chem>	
885	 <chem>O=C1CCN(CC1)C2=CN=C(C2=CS2)C(=O)Nc3cc(ccc3-c4ccccc4)C(=O)Nc5ccccc5</chem>	

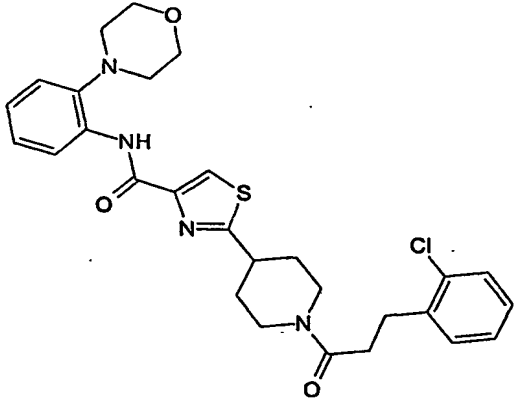
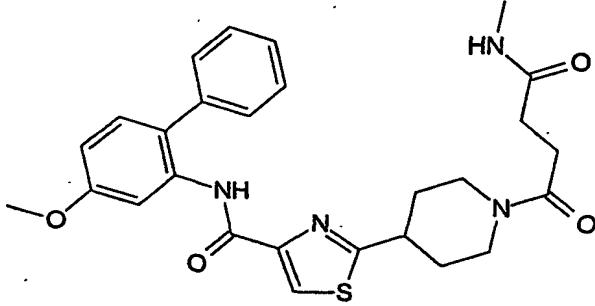
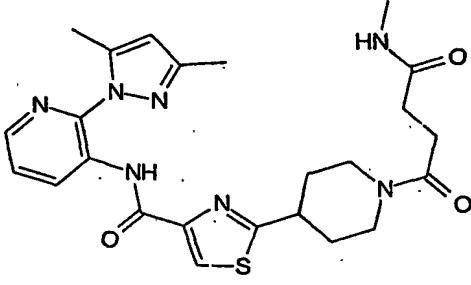


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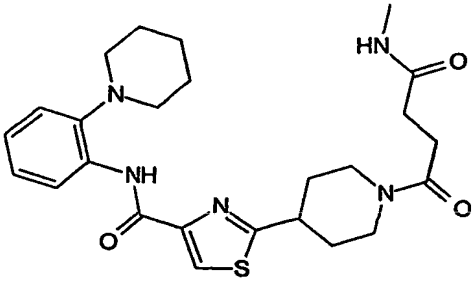
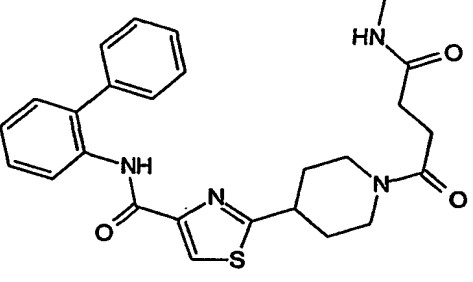
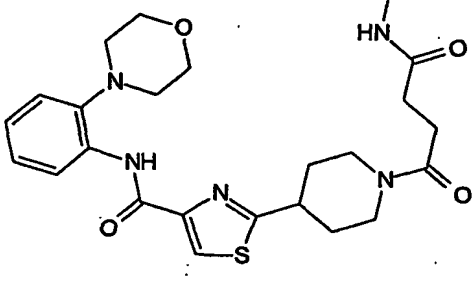
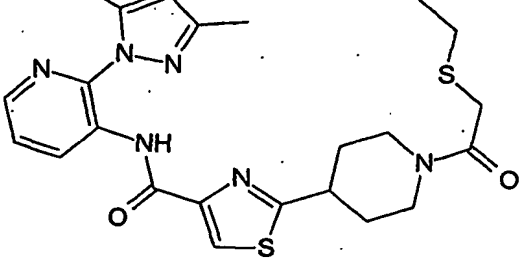
No.	FORMULA	NMR or mass
886	 <p data-bbox="302 894 1179 951">2-(1-pent-2-ynoylpiperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
887	 <p data-bbox="302 1461 1211 1493">N-biphenyl-2-yl-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

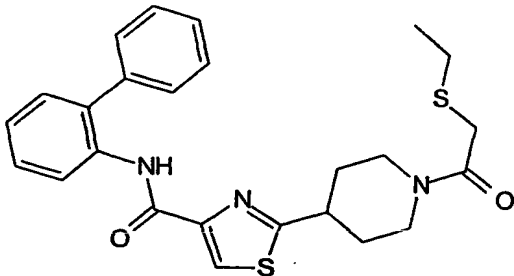
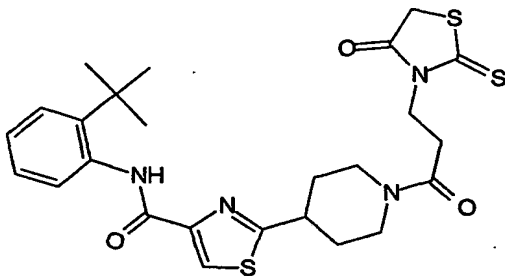
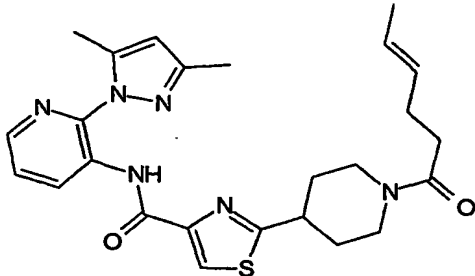
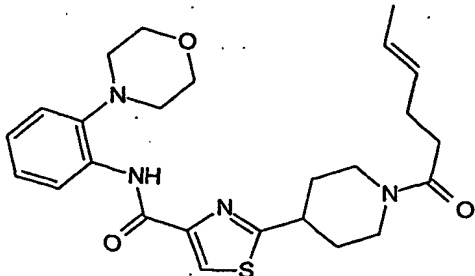
No.	FORMULA	NMR or mass
888	 <p>N-(2-morpholin-4-ylphenyl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
889	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	

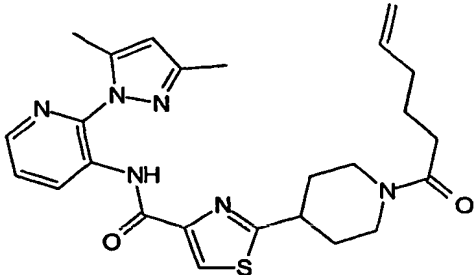
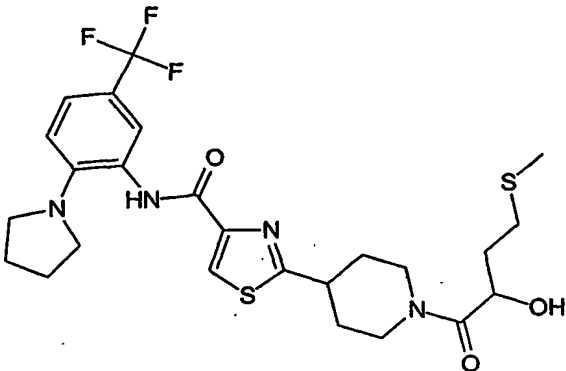
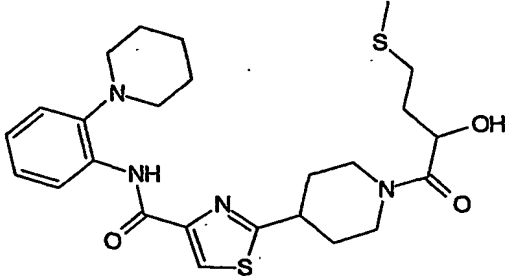
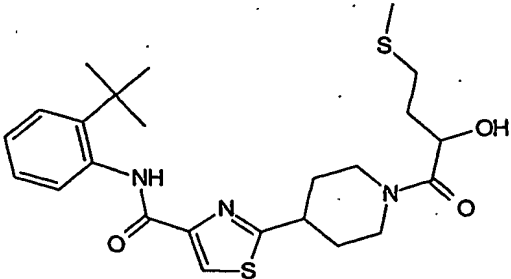
No.	FORMULA	NMR or mass
890	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
891	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	

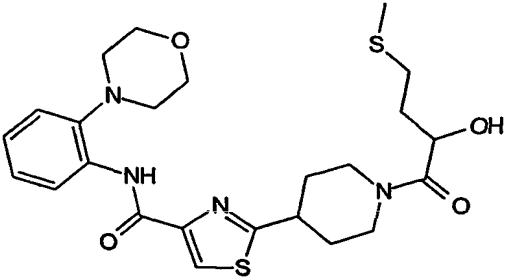
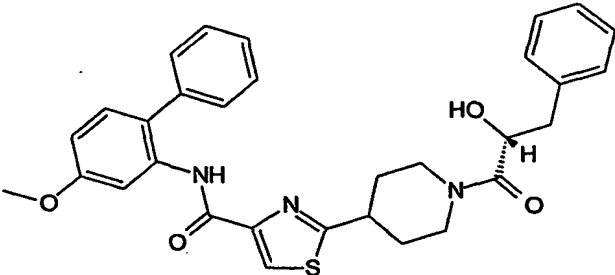
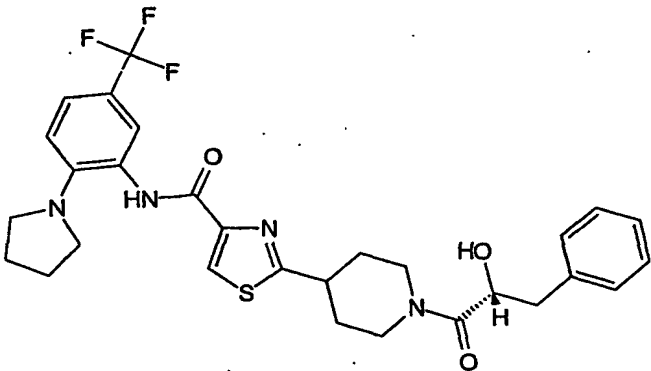
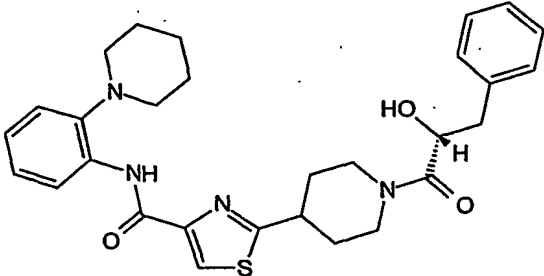
No.	FORMULA	NMR or mass
892	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-morpholin-4-yl-phenyl)-1,3-thiazole-4-carboxamide</p>	
893	 <p>1-[3-(2-methoxy-4-phenylphenyl)-1,3-thiazol-4-yl]piperidin-4-yl-N-methyl-2-oxo-3-phenylpropanamide</p>	
894	 <p>1-[3-(2-methyl-1H-imidazo[4,5-b]pyridin-3-yl)-1,3-thiazol-4-yl]piperidin-4-yl-N-methyl-2-oxo-3-phenylpropanamide</p>	

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No.	FORMULA	NMR or mass
895		
896		
897		
898		

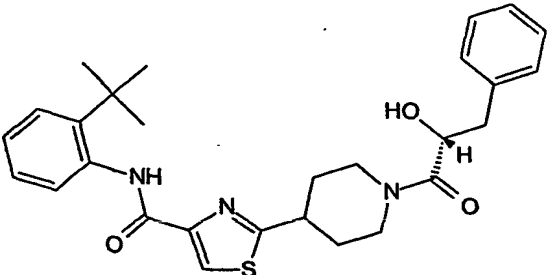
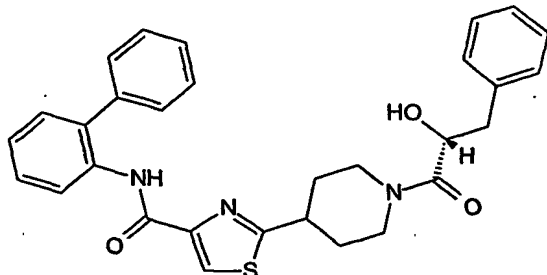
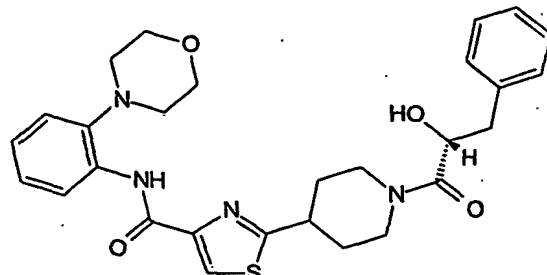
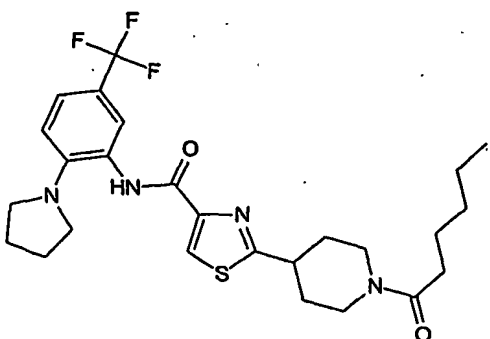
No.	FORMULA	NMR or mass
899		
900		
901		
902		

No.	FORMULA	NMR or mass
903		
904		
905		
906		

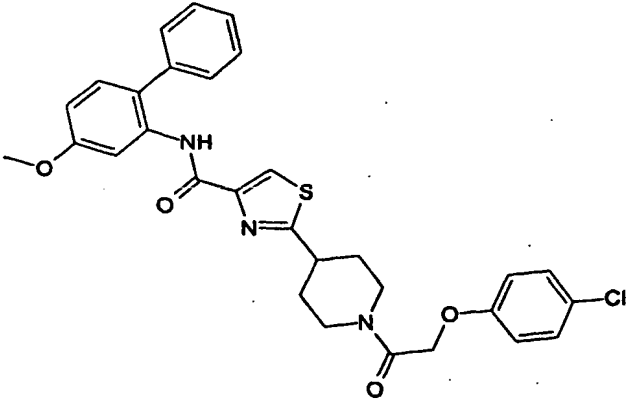
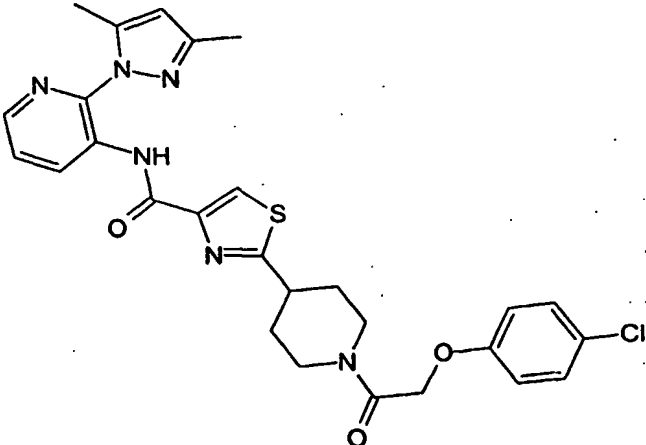
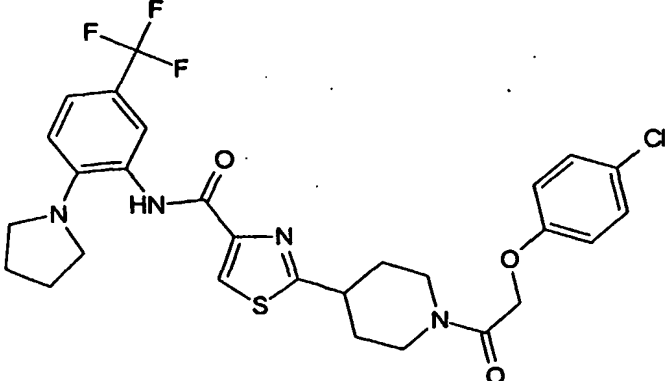
No.	FORMULA	NMR or mass
907		
908		
909		
910		



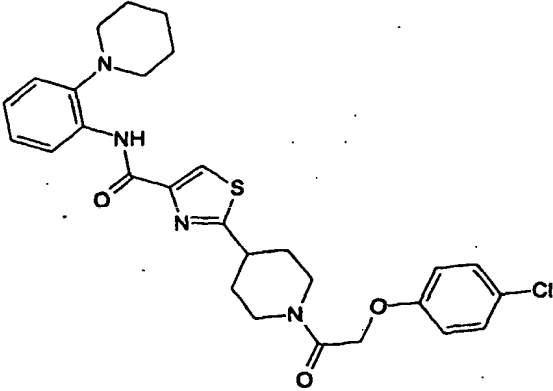
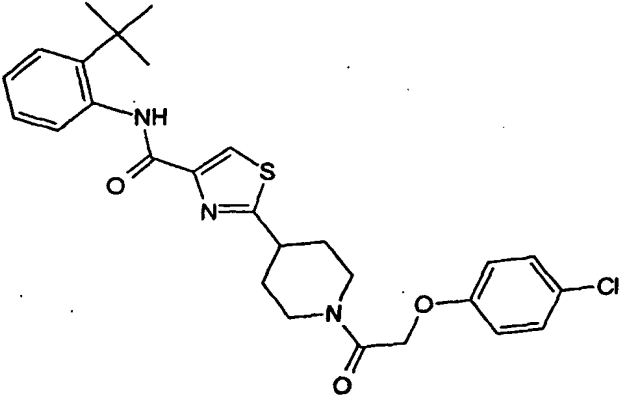
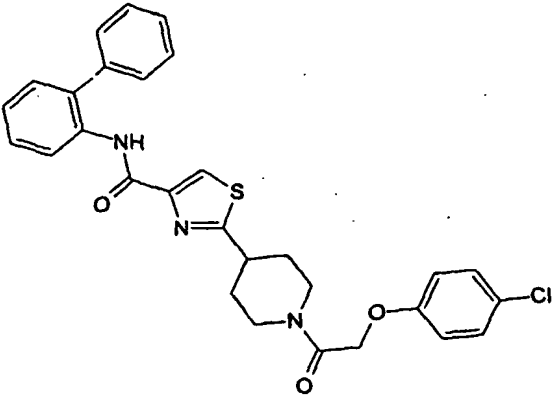
- 357 -

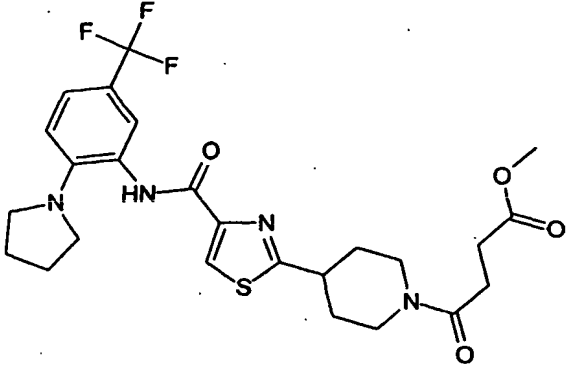
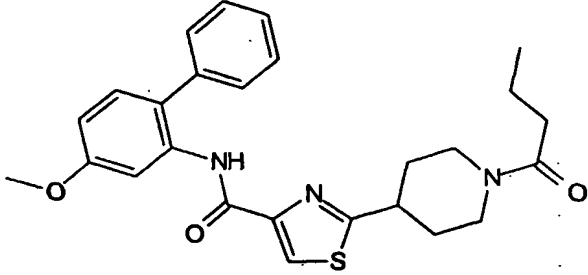
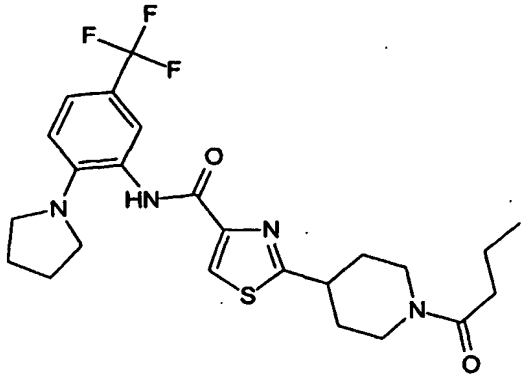
No.	FORMULA	NMR or mass
911		
912		
913		
914		

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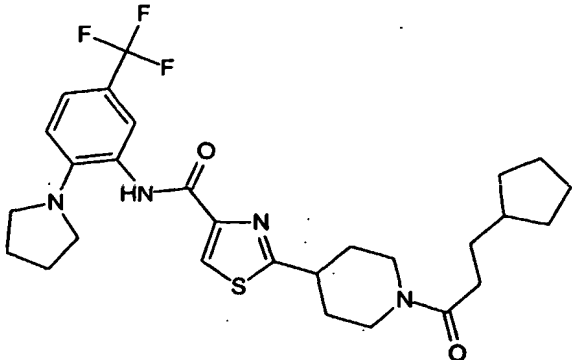
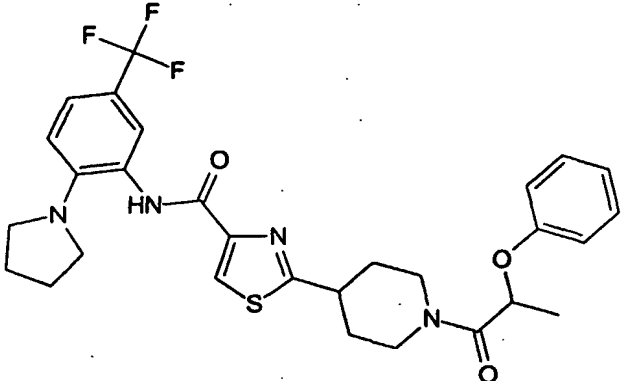
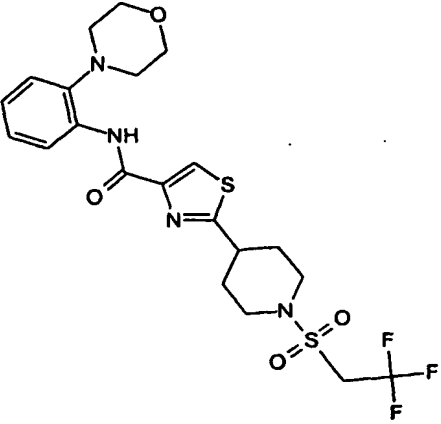
No.	FORMULA	NMR or mass
915	 <chem>COc1ccc(cc1N2C(=O)C3=CN(C3SC4CCN(CC4)C(=O)CCOC5=CC=C(C=C5)Cl)C2)c6ccccc6</chem>	
916	 <chem>CC1=CN(C=C1N)N2C(=O)C3=CN(C3SC4CCN(CC4)C(=O)CCOC5=CC=C(C=C5)Cl)C2C(=O)N5C=CC=C5</chem>	
917	 <chem>Clc1ccc(OCC(=O)N2CCN(CC2)C3=CN(C3SC4CCN(CC4)C(=O)N5C(=C(C=C5)C(=C6C=C(C(=C6)C(F)(F)F)N7CCCC7)C(=O)N8C=CC=C8)C2=O)C1=O</chem>	

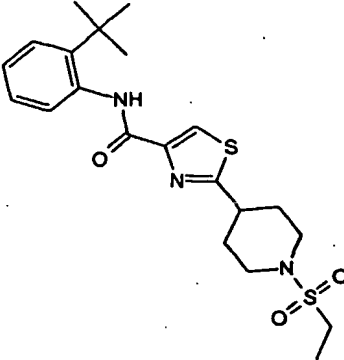
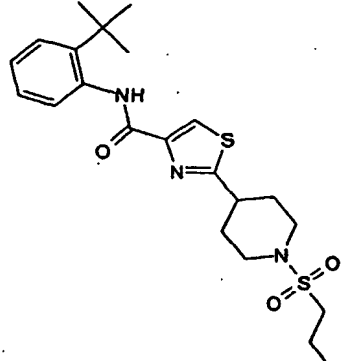
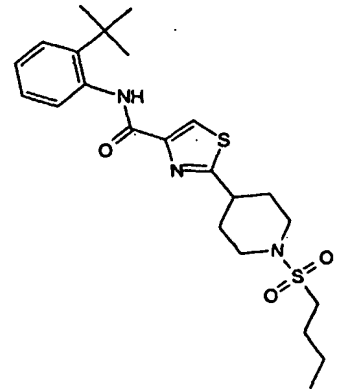
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No.	FORMULA	NMR or mass
918		
919		
920		

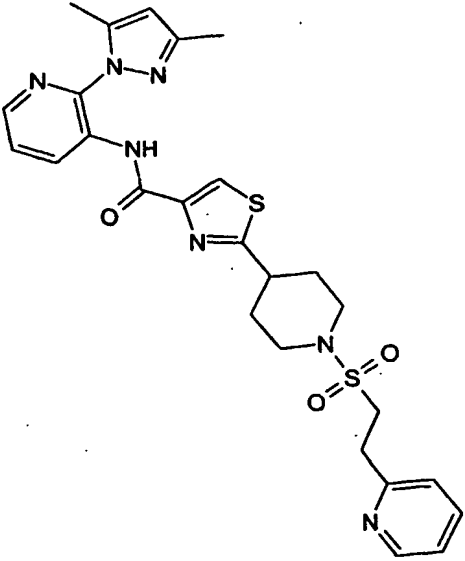
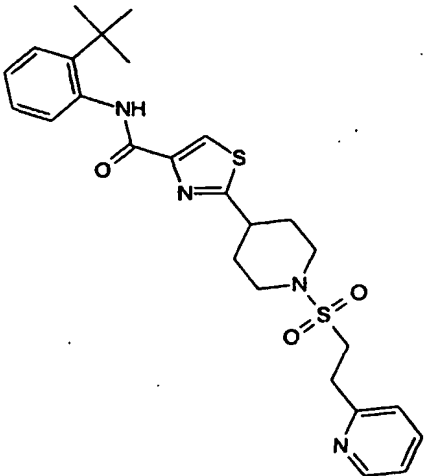
No.	FORMULA	NMR or mass
921	 <chem>COCC(=O)N1CCN(C1c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)s2)CC1CCCCC1</chem>	
922	 <chem>CCC(=O)N1CCN(C1c2nc(C(=O)Nc3cc(OC)cc3c4ccccc4)s2)CC1CCCCC1</chem>	
923	 <chem>CCC(=O)N1CCN(C1c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)s2)CC1CCCCC1</chem>	

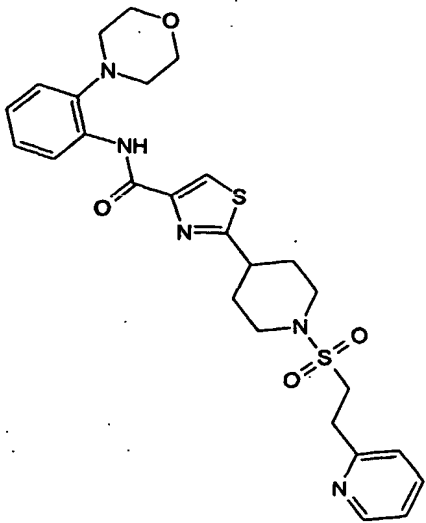
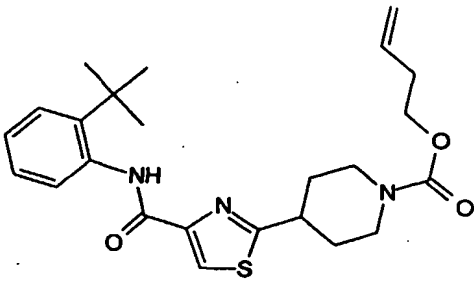
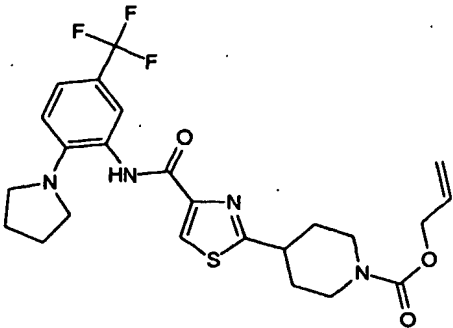
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No.	FORMULA	NMR or mass
924		
925		
926	 <p data-bbox="293 1843 1198 1896">N-(2-morpholin-4-ylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
927	 <p data-bbox="289 787 1128 842">N-(2-tert-butylphenyl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
928	 <p data-bbox="289 1270 1144 1339">N-(2-tert-butylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
929	 <p data-bbox="289 1785 1128 1850">N-(2-tert-butylphenyl)-2-[1-(butylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

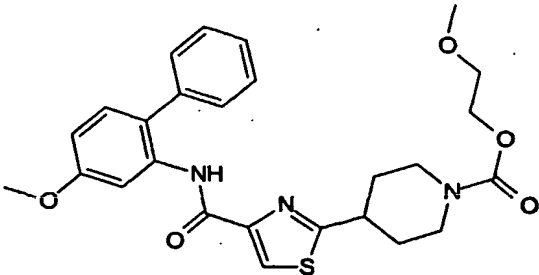
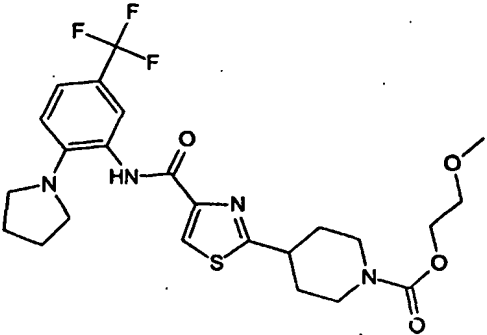
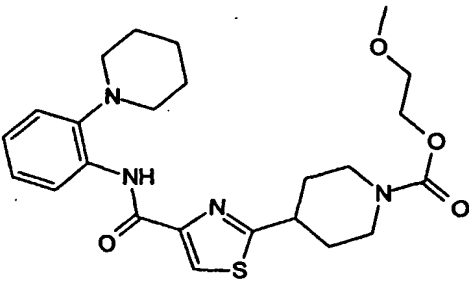
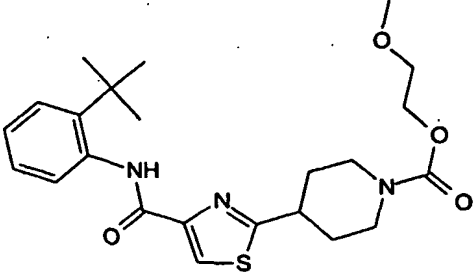
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No.	FORMULA	NMR or mass
930	 <p data-bbox="300 1029 1177 1092">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
931	 <p data-bbox="300 1669 1193 1732">N-(2-tert-butylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

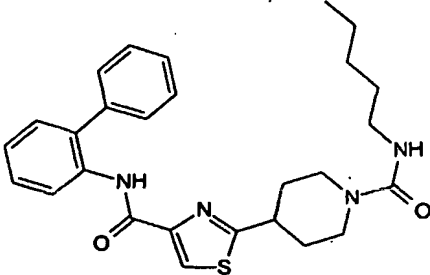
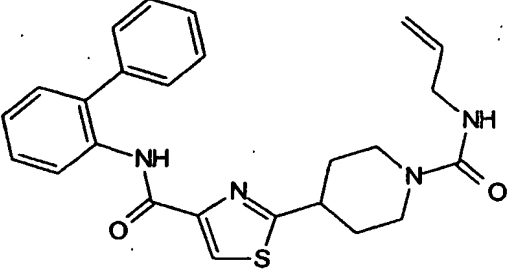
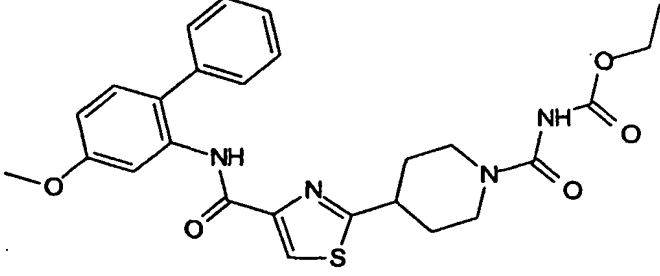
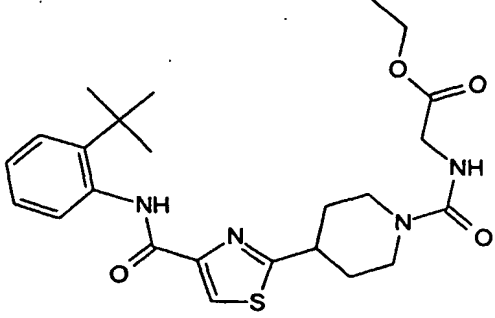
No.	FORMULA	NMR or mass
932	 <p data-bbox="289 940 1208 1003">N-(2-morpholin-4-ylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
933		
934		



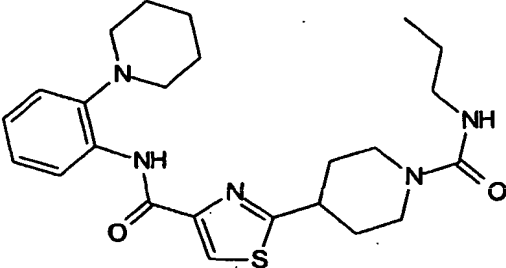
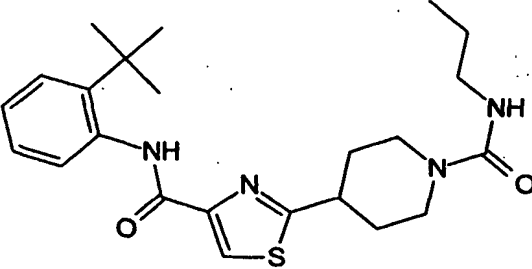
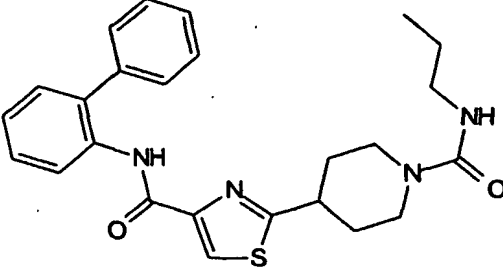
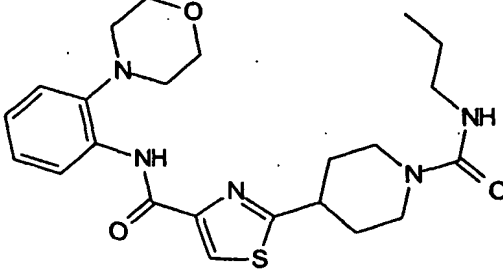
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No.	FORMULA	NMR or mass
935		
936		
937		
938		

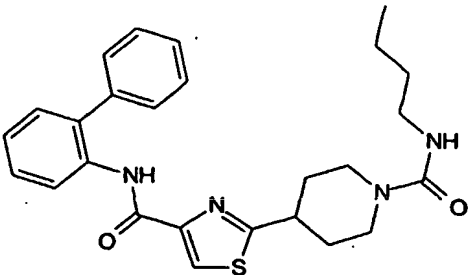
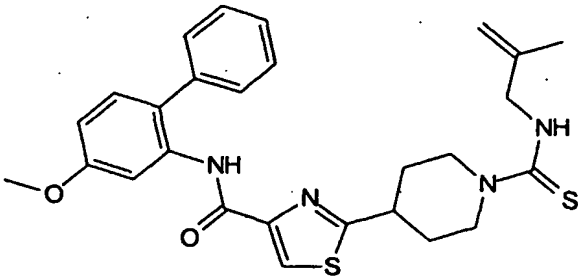
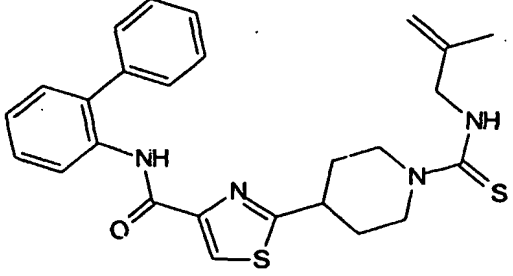
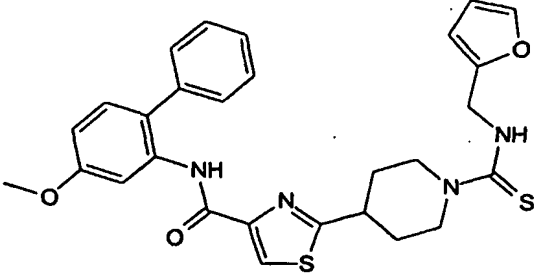
- 366 -

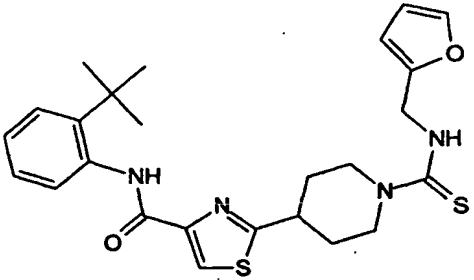
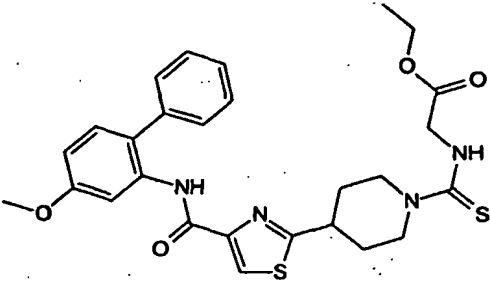
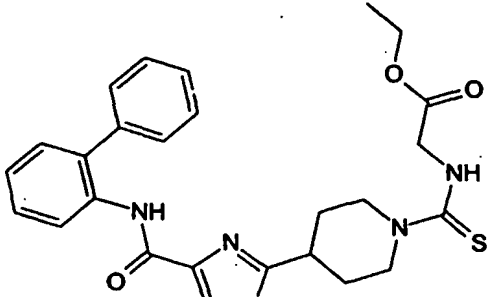
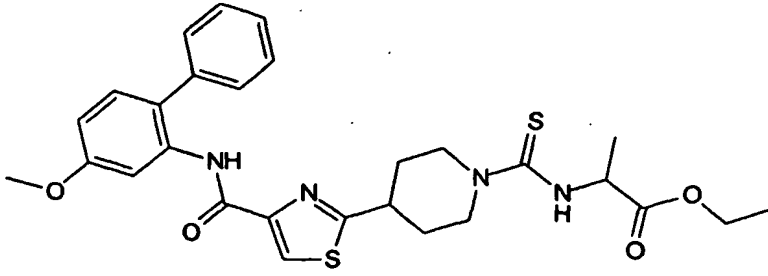
No.	FORMULA	NMR or mass
939		
940		
941		
942		

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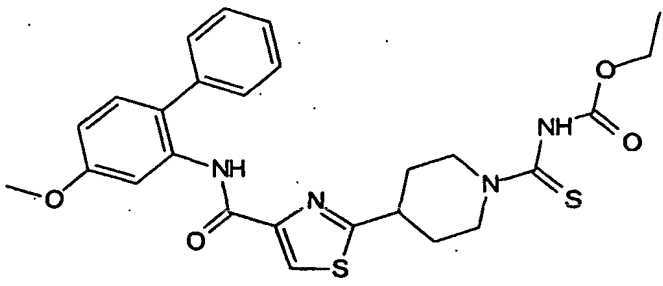
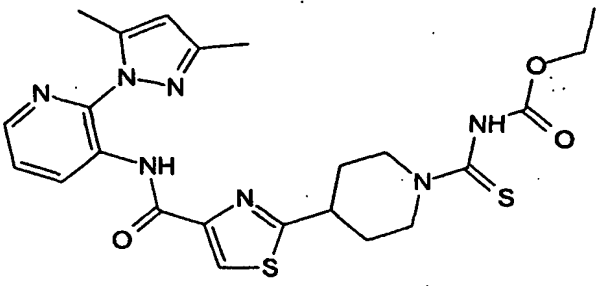
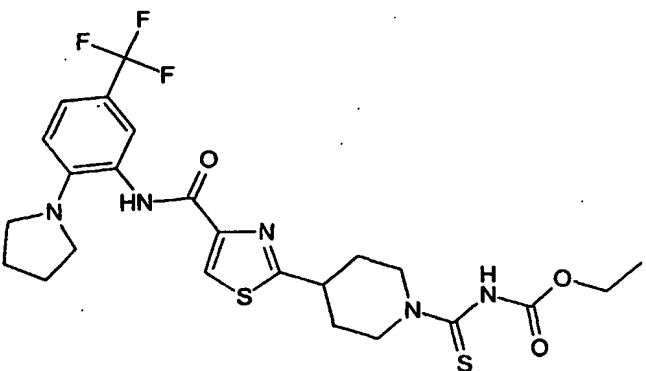
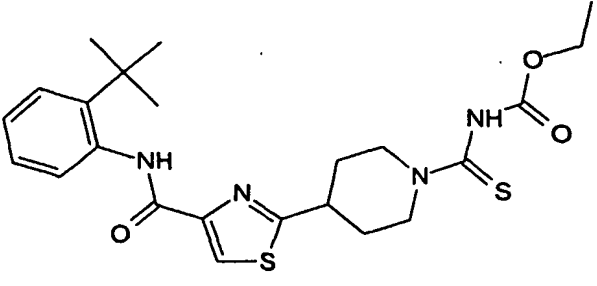
No.	FORMULA	NMR or mass
943		
944		
945		
946		

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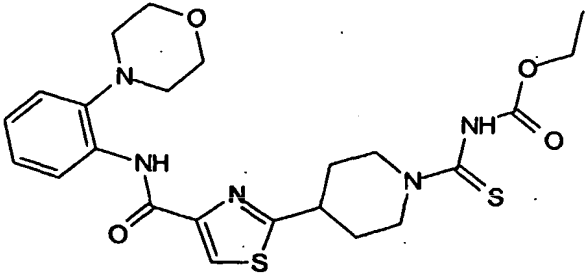
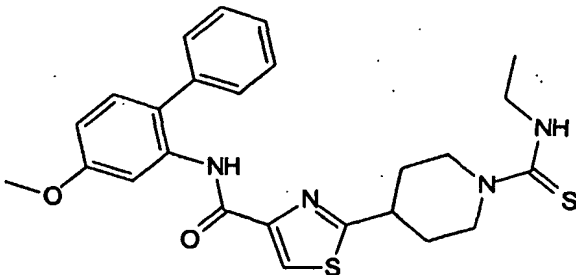
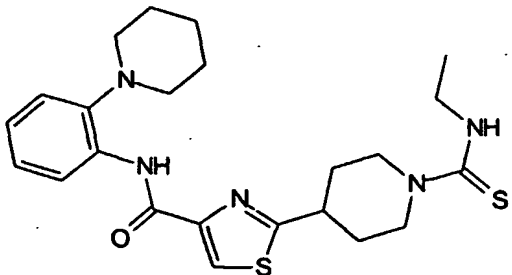
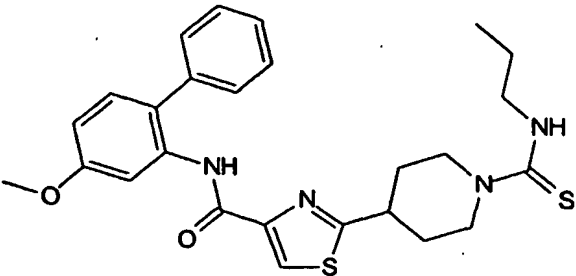
No.	FORMULA	NMR or mass
947		
948		
949		
950		

No.	FORMULA	NMR or mass
951		
952		
953		
954		

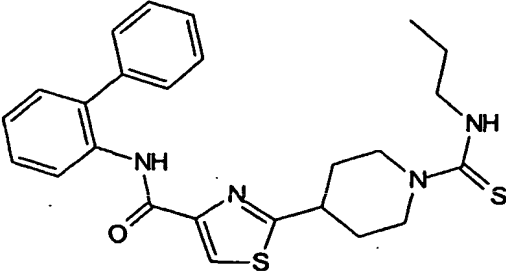
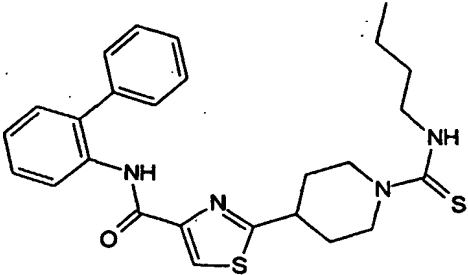
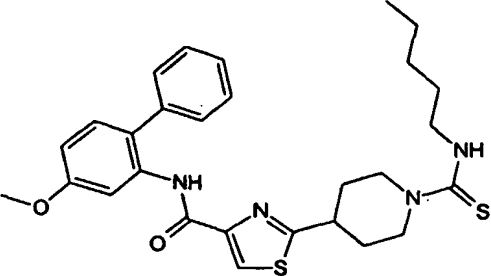
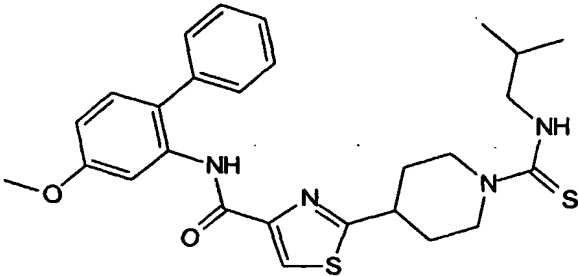
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No.	FORMULA	NMR or mass
955		
956		
957		
958		

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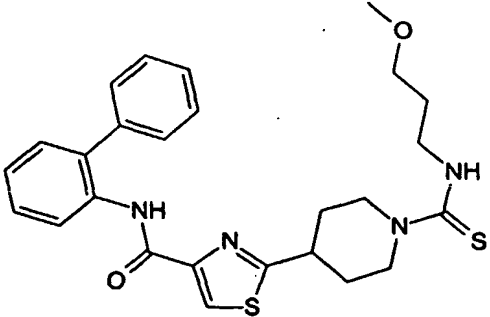
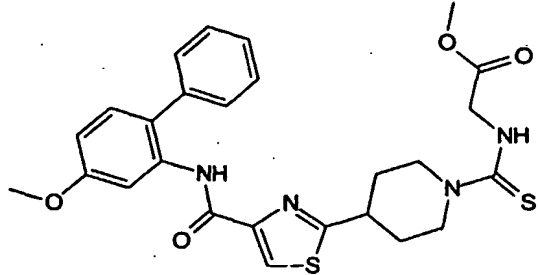
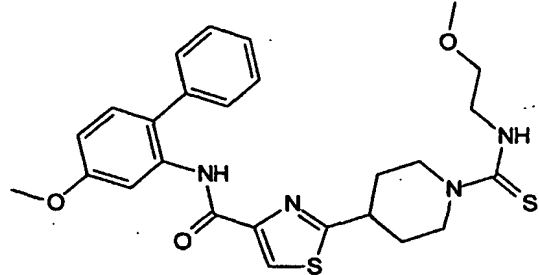
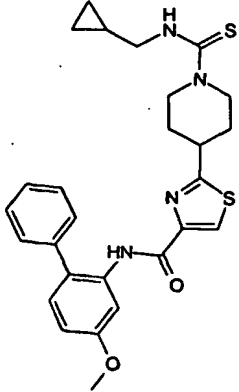
No.	FORMULA	NMR or mass
959		
960		
961		
962		

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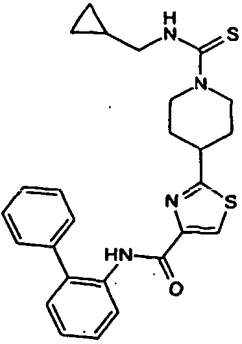
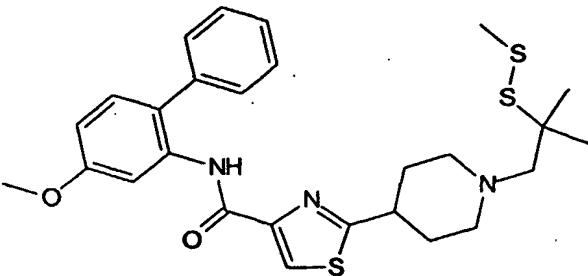
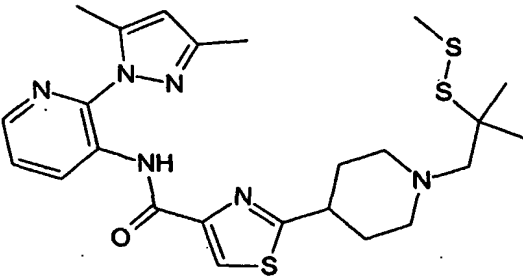
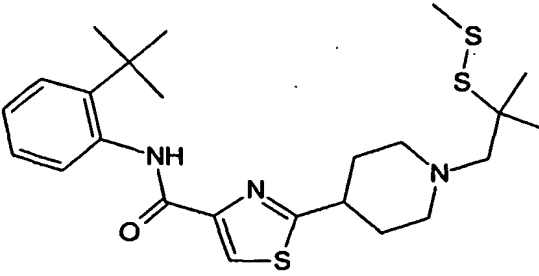
No.	FORMULA	NMR or mass
963		
964		
965		
966		



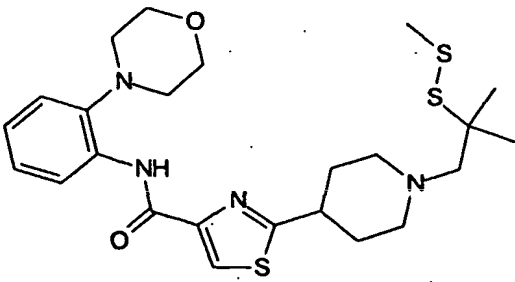
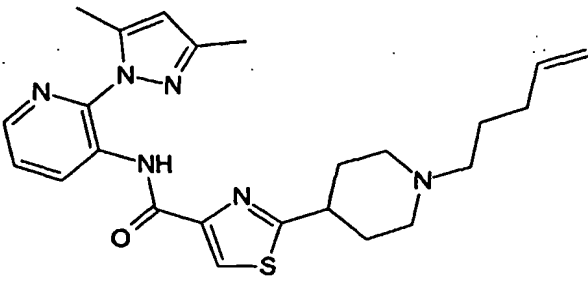
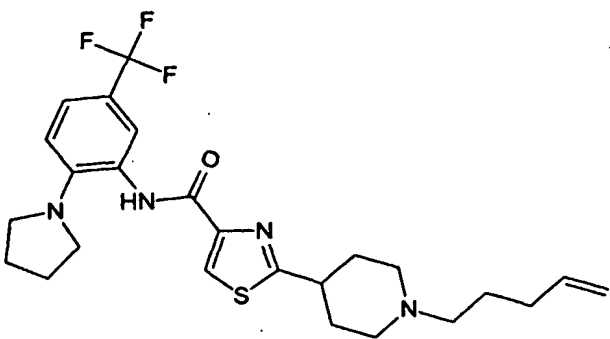
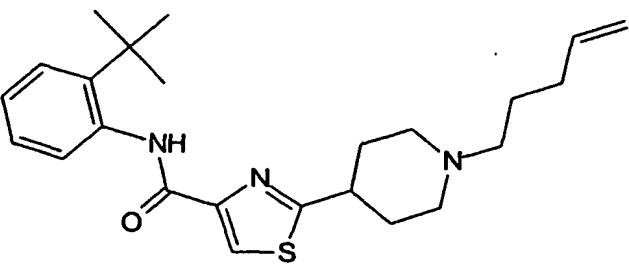
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No.	FORMULA	NMR or mass
967		
968		
969		
970	 <p data-bbox="300 1837 1209 1890">2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

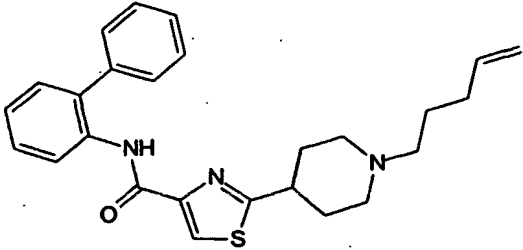
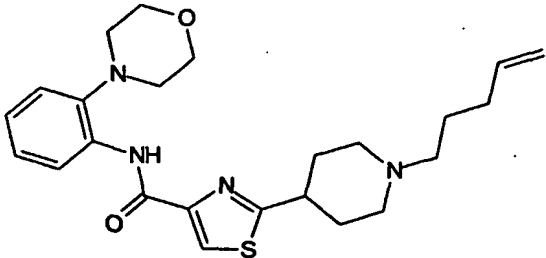
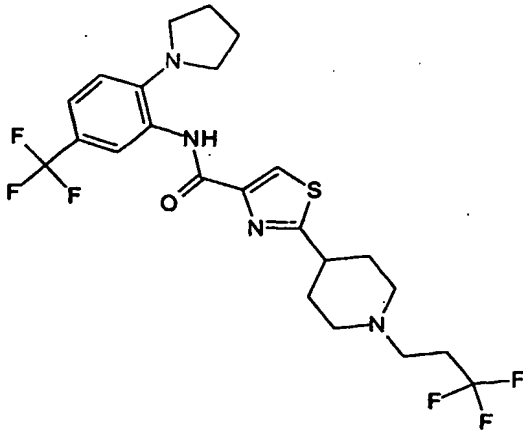
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No.	FORMULA	NMR or mass
971	 <p>N-biphenyl-2-yl-2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
972		
973		
974		

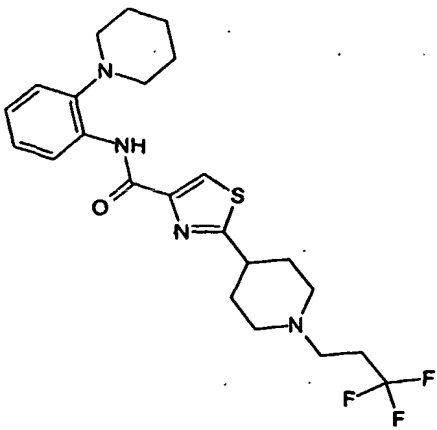
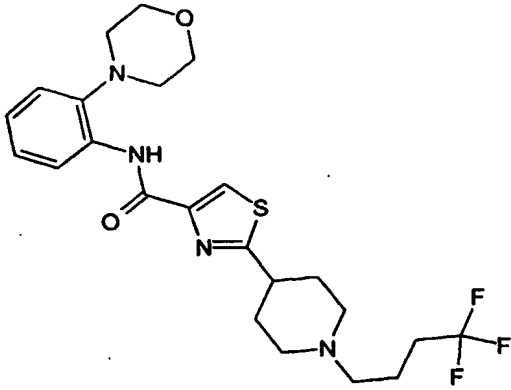
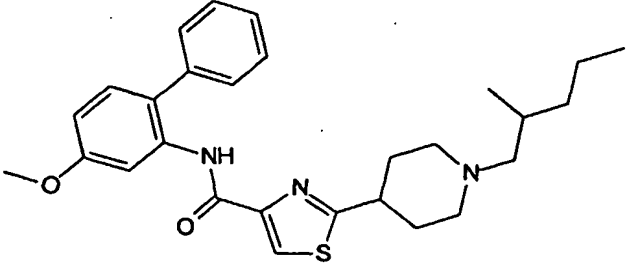
- 375 -

No.	FORMULA	NMR or mass
975	 <chem>CC(C)(C)SSC1CCN(CC1)c2sc(C(=O)Nc3ccccc3N4CCOCC4)c2</chem>	
976	 <chem>Cc1cc(C)n(C1)c2ccncc2C(=O)Nc3ccsc3C4CCN(CC4)CCCC=C</chem>	
977	 <chem>C1CCN1c2cc(C(F)(F)F)ccc2NC(=O)c3ccsc3C4CCN(CC4)CCCC=C</chem>	
978	 <chem>CC(C)(C)c1ccccc1NC(=O)c2ccsc2C3CCN(CC3)CCCC=C</chem>	

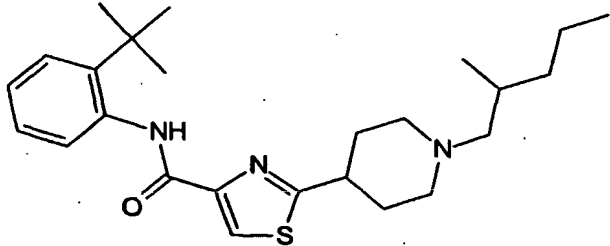
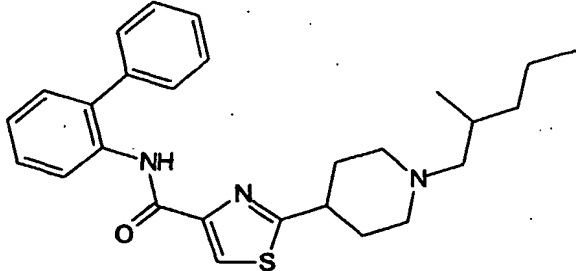
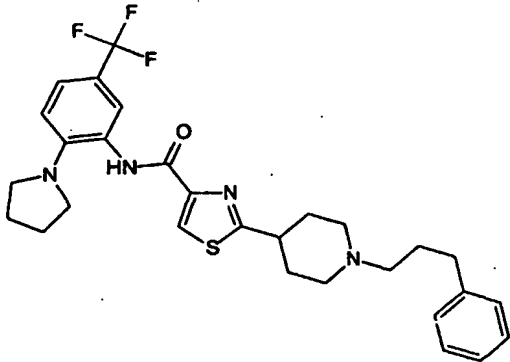
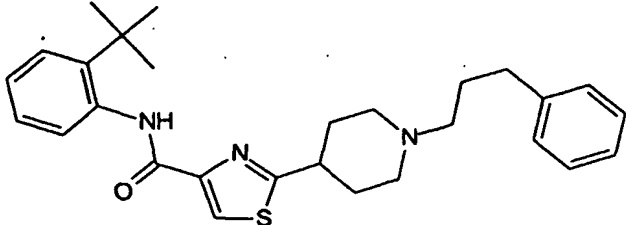
- 376 -

No.	FORMULA	NMR or mass
979		
980		
981	 <p data-bbox="298 1482 1159 1541">N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

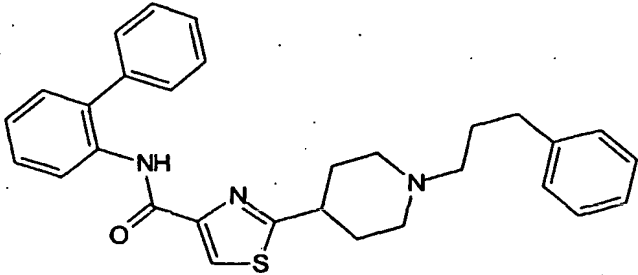
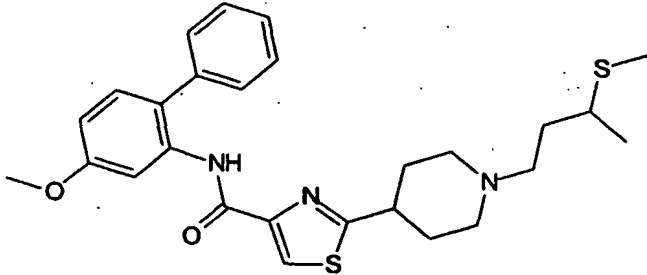
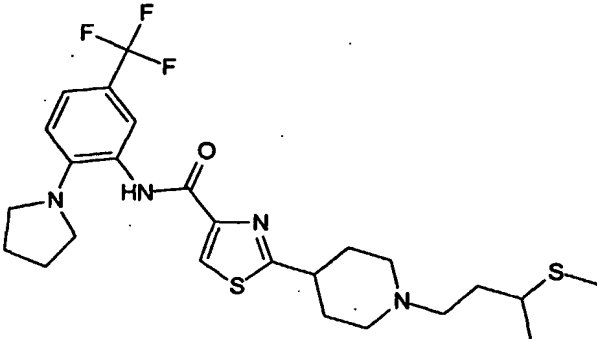
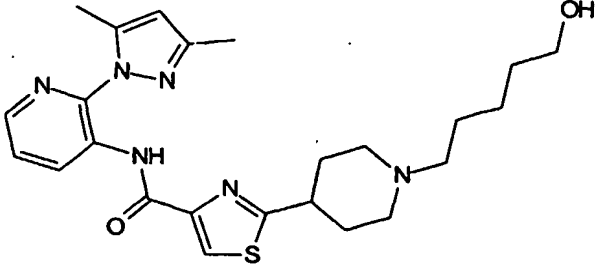
- 377 -

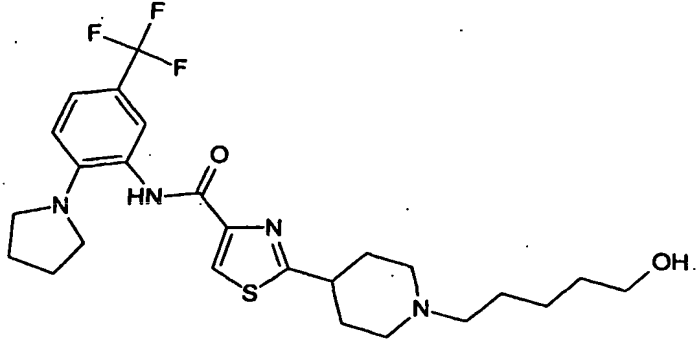
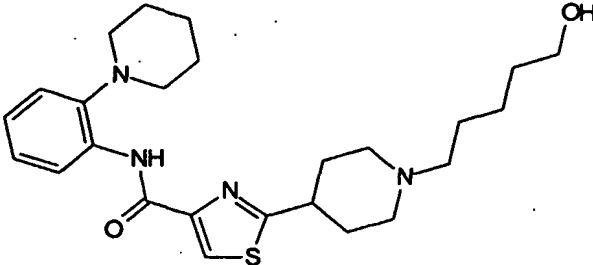
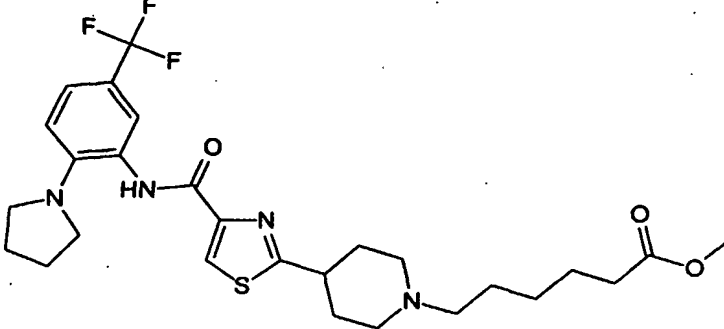
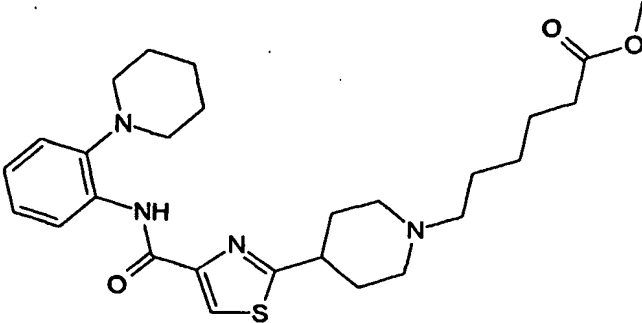
No.	FORMULA	NMR or mass
982	 <p>N-(2-piperidin-1-ylphenyl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
983	 <p>N-(2-morpholin-4-ylphenyl)-2-[1-(4,4,4-trifluorobutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
984		

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No.	FORMULA	NMR or mass
985		
986		
987	 <p data-bbox="293 1430 1177 1486">2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
988		

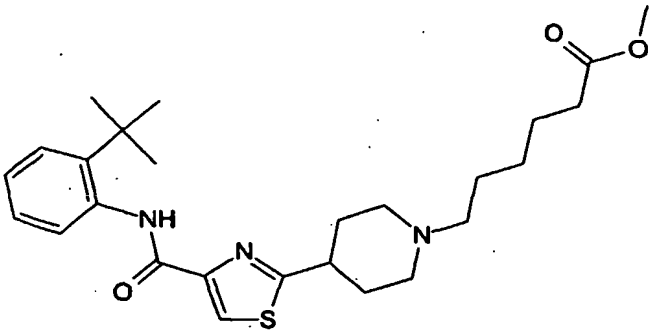
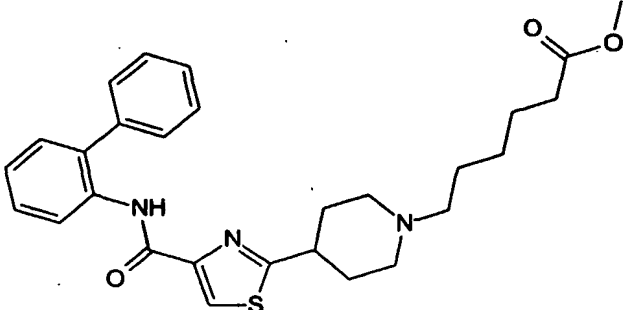
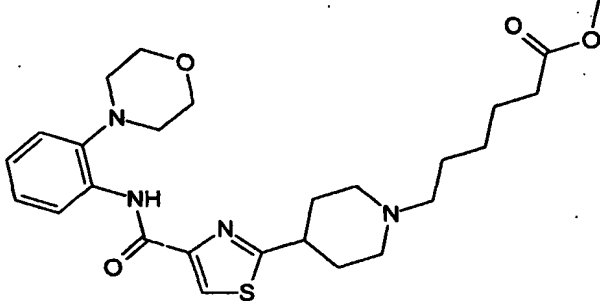
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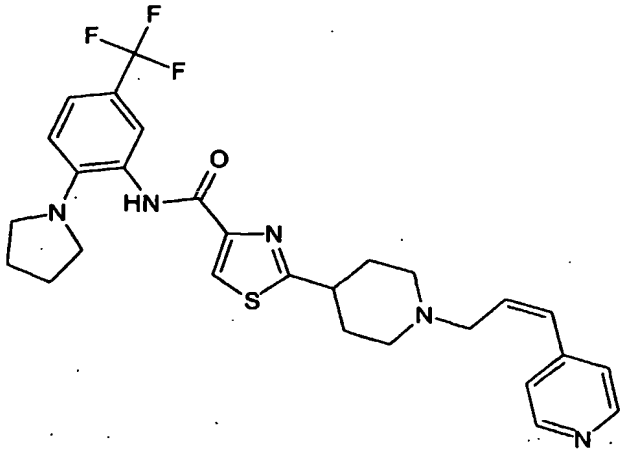
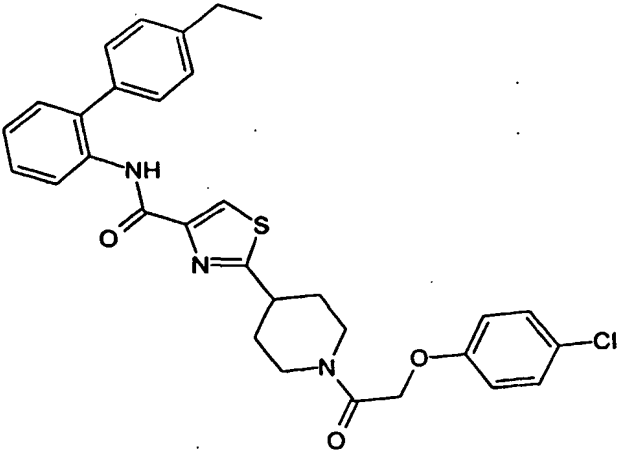
No.	FORMULA	NMR or mass
989	 <chem>c1ccc(cc1)-c2ccccc2C(=O)Nc3ccsc3C4CCN(CC4)CCc5ccccc5</chem>	
990	 <chem>COc1ccc(cc1C(=O)Nc2ccsc2C3CCN(CC3)CCSC)cc4ccccc4</chem>	
991	 <chem>C1CCN(C1)C(=O)Nc2cc(C(F)(F)F)ccc2C3CCSC3C4CCN(CC4)CCSC</chem>	
992	 <chem>CC1=CNC2=CC=CC=C2N1C(=O)Nc3ccsc3C4CCN(CC4)CCCCCO</chem>	

No.	FORMULA	NMR or mass
993	 <chem>OCN(C(=O)c1cc(C(F)(F)F)ccc1N2CCCC2)c3sc(C4CCN(CCCCO)CC4)n3</chem>	
994	 <chem>OCN(C(=O)c1cc(C2CCCCC2)ccc1)c3sc(C4CCN(CCCCO)CC4)n3</chem>	
995	 <chem>COC(=O)CCCN(C4CCN(C5C(=O)N(C6=CC(C(F)(F)F)=CC6)N7CCCC7)C5)c8sc(C9C(=O)N(C10=CC(C(F)(F)F)=CC10)N11CCCC11)C9</chem>	
996	 <chem>COC(=O)CCCN(C4CCN(C5C(=O)N(C6=CC(C2CCCCC2)=CC6)N7CCCC7)C5)c8sc(C9C(=O)N(C10=CC(C2CCCCC2)=CC10)N11CCCC11)C9</chem>	

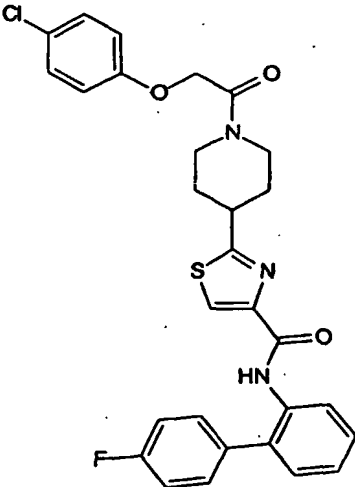
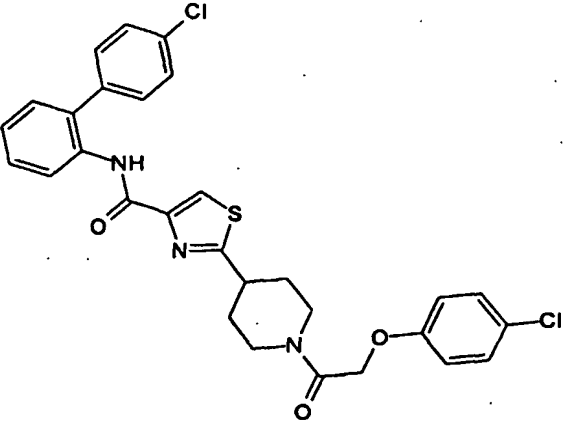


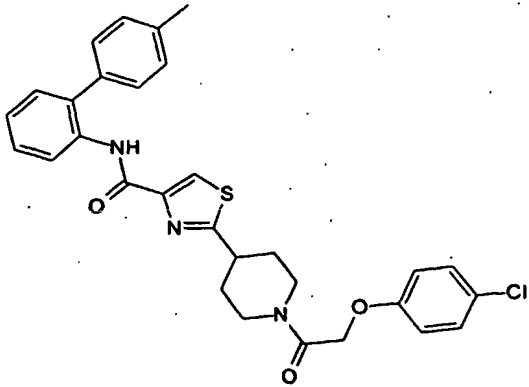
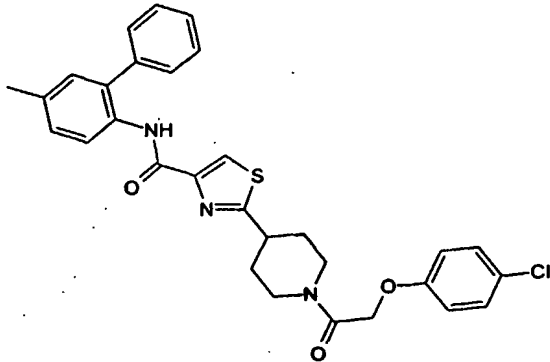
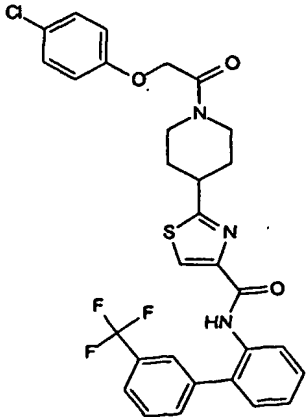
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No.	FORMULA	NMR or mass
997	 <chem>CC(C)(C)c1ccccc1NC(=O)c2cc(sc2C3CCN(CCCCCOC(=O)C)CC3)c4ccccc4</chem>	
998	 <chem>OC(=O)C1CCN(CCCCCOC(=O)C)CC1c2cc(sc2C(=O)Nc3ccccc3c4ccccc4)</chem>	
999	 <chem>CCOC(=O)CCCN1CCN(C1)c2cc(sc2C(=O)Nc3ccccc3N4CCOCC4)</chem>	

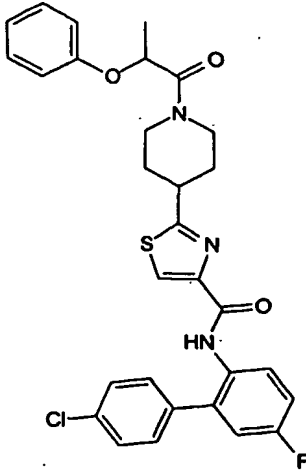
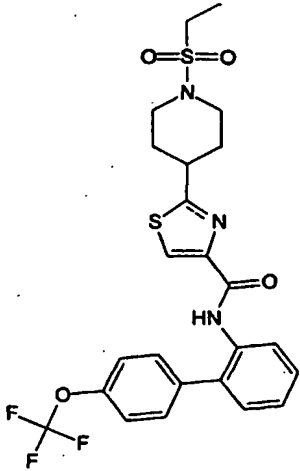
No.	FORMULA	NMR or mass
1000	 <p data-bbox="293 898 1187 961">2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1001	 <p data-bbox="293 1507 1175 1570">2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

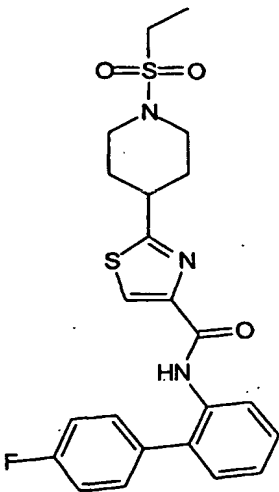
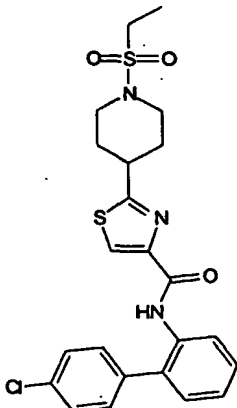
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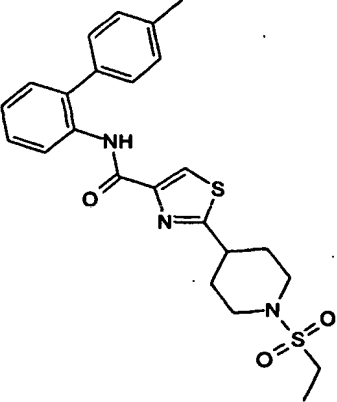
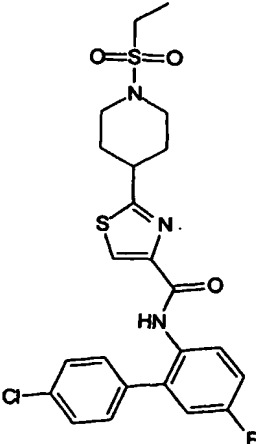
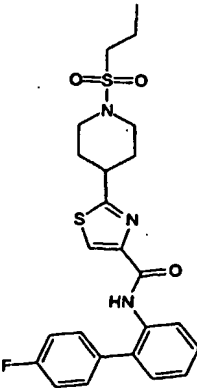
No.	FORMULA	NMR or mass
1002	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1003	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1004	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1005	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1006	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

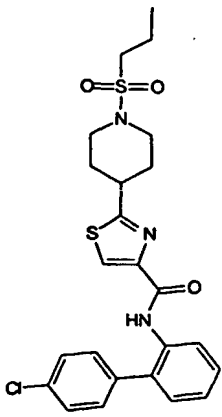
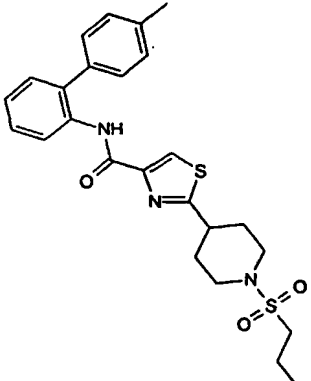
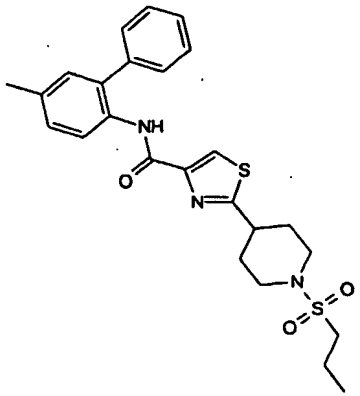
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No.	FORMULA	NMR or mass
1007	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1008	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

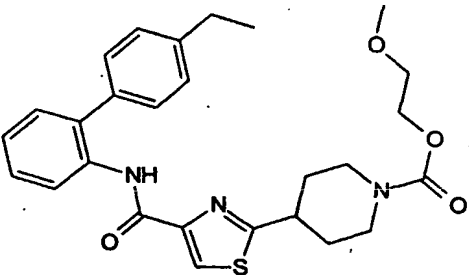
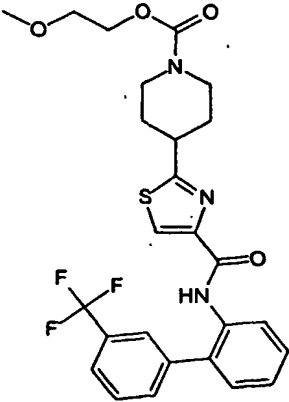
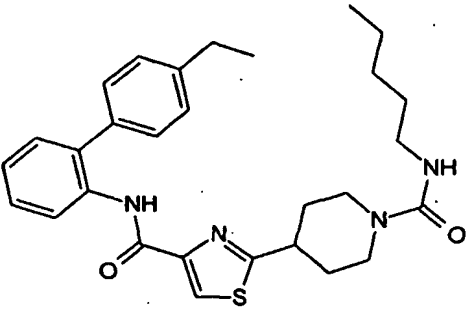
No.	FORMULA	NMR or mass
1009	 <p data-bbox="300 945 1185 1008">2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1010	 <p data-bbox="300 1522 1185 1585">N-(4'-chlorobiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1011	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1012		
1013	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

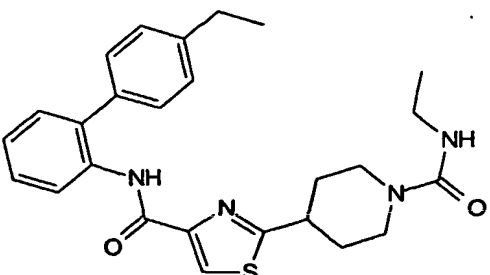
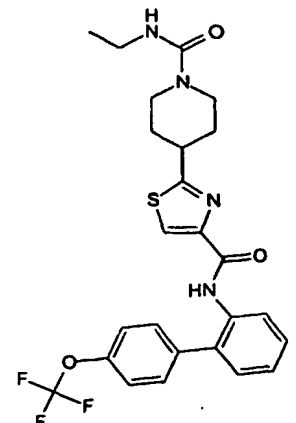
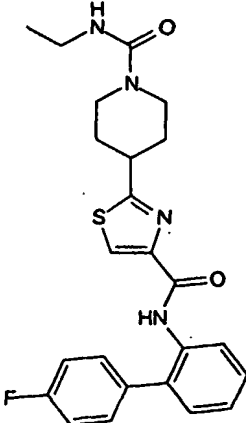
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No.	FORMULA	NMR or mass
1014	 <p data-bbox="302 840 1209 894">N-(4'-chlorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1015	 <p data-bbox="302 1333 1209 1388">N-(4'-methylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1016	 <p data-bbox="302 1848 1209 1902">N-(5-methylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

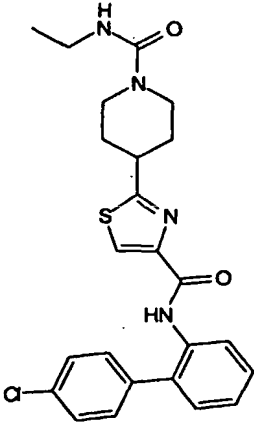
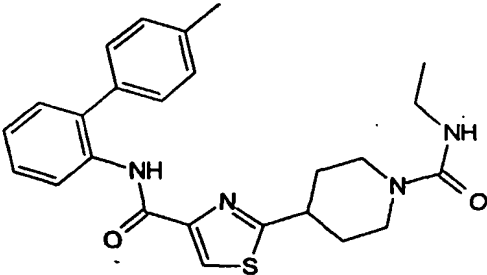
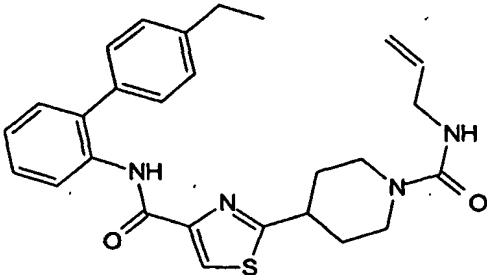
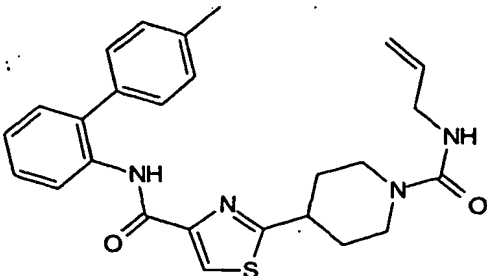


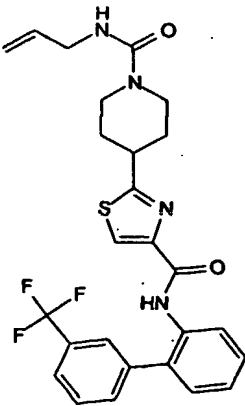
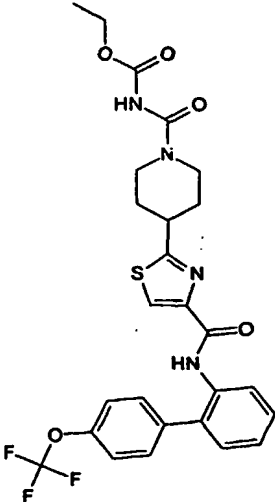
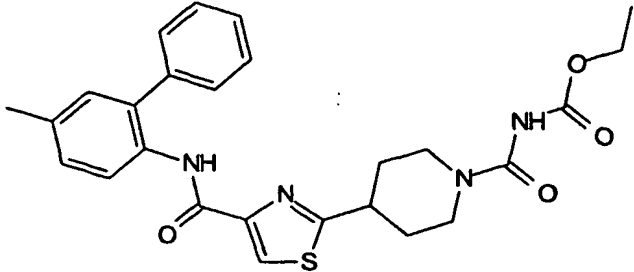
No.	FORMULA	NMR or mass
1017		
1018	 <p data-bbox="298 1163 1211 1226">2-methoxyethyl 4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
1019		

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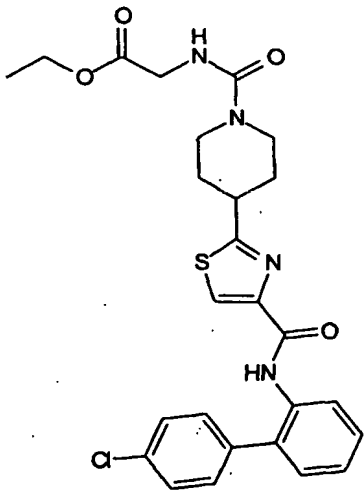
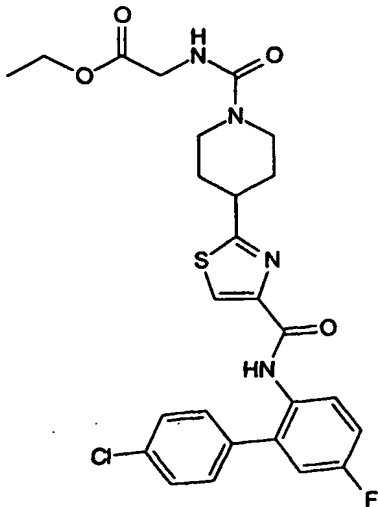
No.	FORMULA	NMR or mass
1020		
1021	 <p data-bbox="292 1197 1136 1260">N-ethyl-4-[4-((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1022	 <p data-bbox="292 1764 1136 1827">N-ethyl-4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	

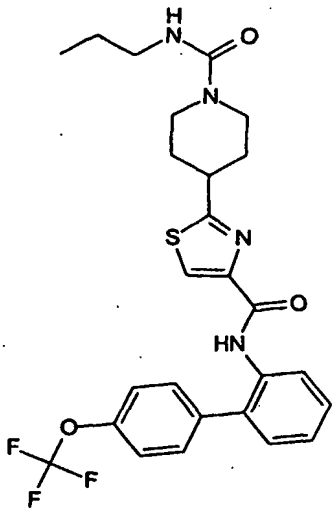
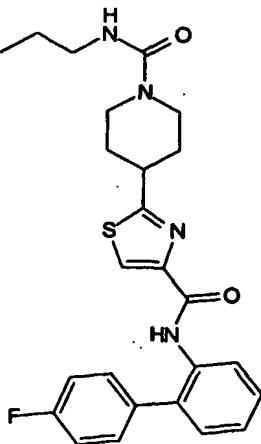
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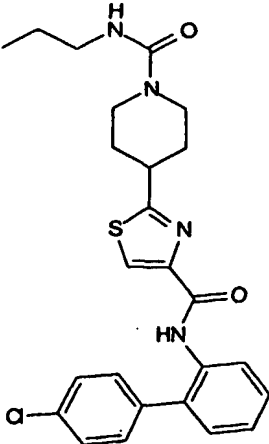
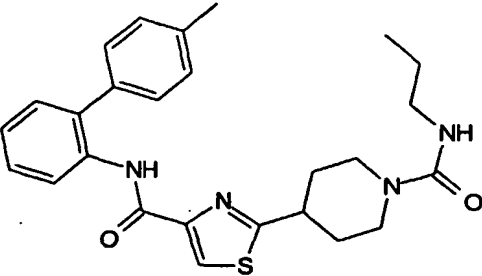
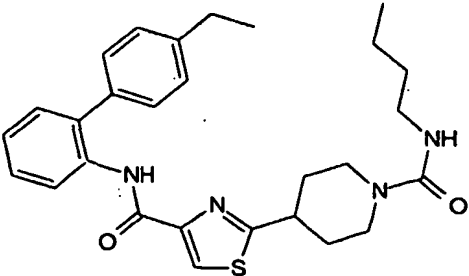
No.	FORMULA	NMR or mass
1023	 <p data-bbox="285 848 1133 911">4-(4-([(4'-chlorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)-N-ethylpiperidine-1-carboxamide</p>	
1024		
1025		
1026		

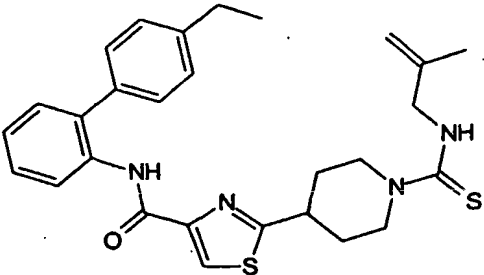
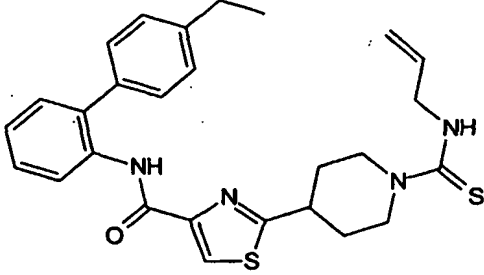
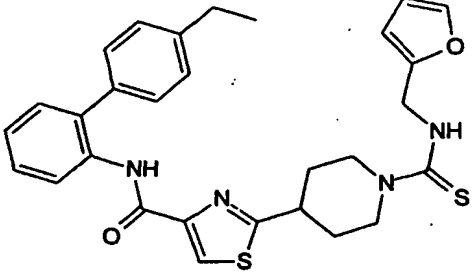
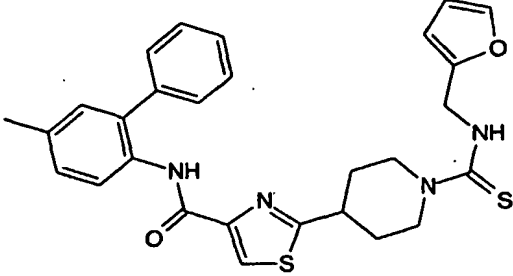
No.	FORMULA	NMR or mass
1027	 <p data-bbox="282 821 1203 877">N-allyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1028	 <p data-bbox="282 1451 1203 1509">ethyl ((4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl)carbamate</p>	
1029		

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No.	FORMULA	NMR or mass
1030	 <p>ethyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl)glycinate</p>	
1031	 <p>ethyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl)glycinate</p>	

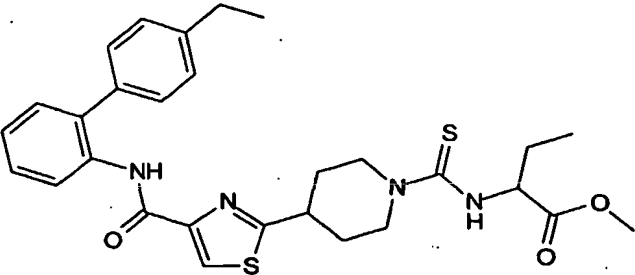
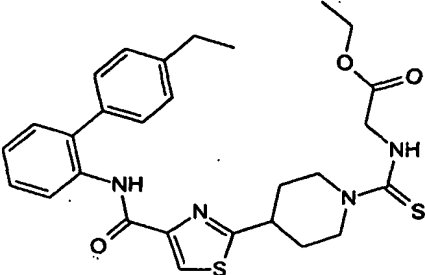
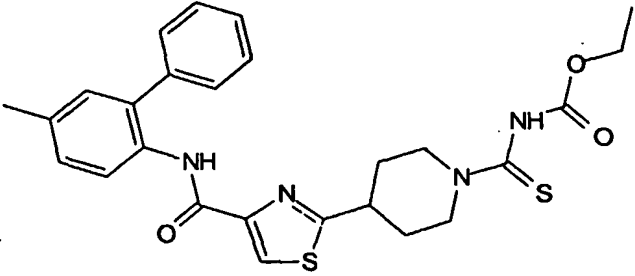
No.	FORMULA	NMR or mass
1032	 <p>N-propyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1033	 <p>4-(4-({[4'-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)-N-propylpiperidine-1-carboxamide</p>	

No.	FORMULA	NMR or mass
1034	 <p data-bbox="300 877 1161 934">4-(4-([(4'-chlorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)-N-propylpiperidine-1-carboxamide</p>	
1035		
1036		

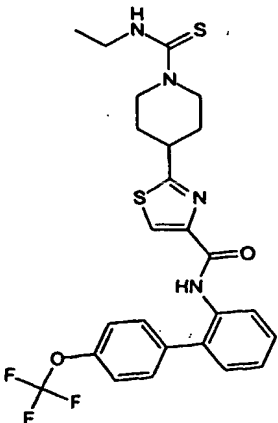
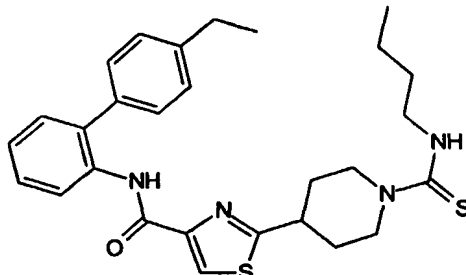
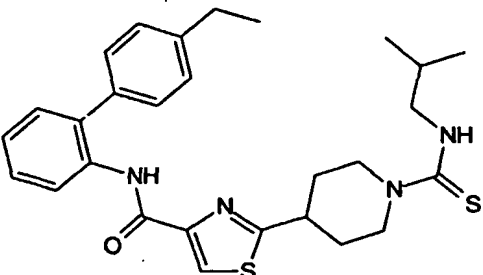
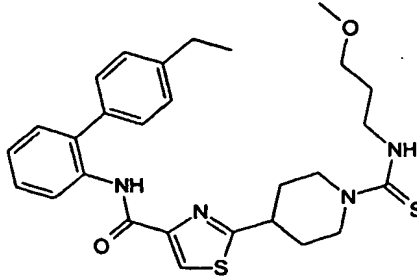
No.	FORMULA	NMR or mass
1037	 <chem>CCc1ccc(cc1)Nc2ccccc2C(=O)c3ccsc3C4CCN(CC4)C(=S)NC(C)=C</chem>	
1038	 <chem>CCc1ccc(cc1)Nc2ccccc2C(=O)c3ccsc3C4CCN(CC4)C(=S)NC(C)=C</chem>	
1039	 <chem>CCc1ccc(cc1)Nc2ccccc2C(=O)c3ccsc3C4CCN(CC4)C(=S)NCc5ccoc5</chem>	
1040	 <chem>CCc1ccc(cc1)Nc2ccccc2C(=O)c3ccsc3C4CCN(CC4)C(=S)NCc5ccoc5</chem>	



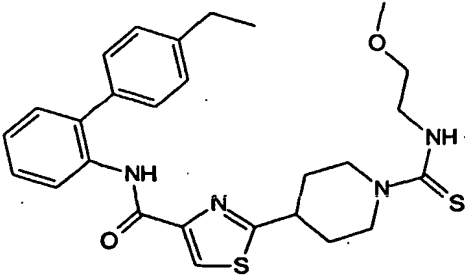
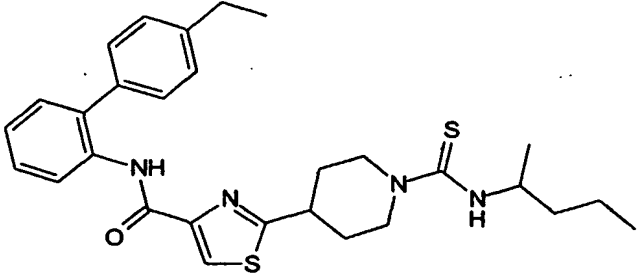
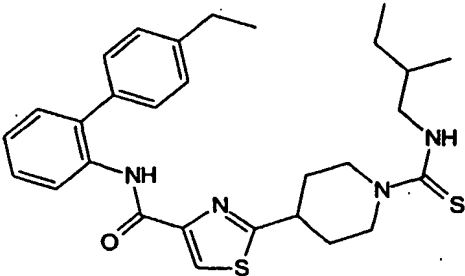
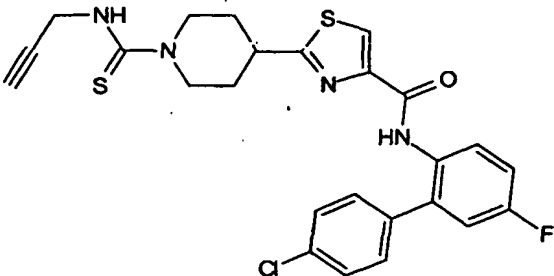
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No.	FORMULA	NMR or mass
1041		
1042		
1043		

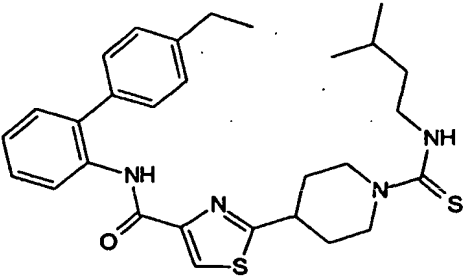
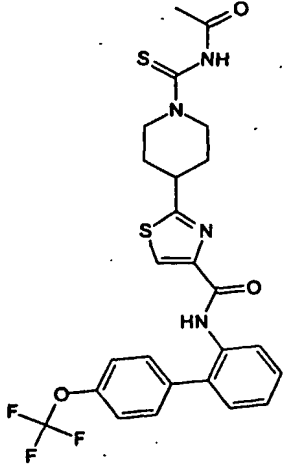
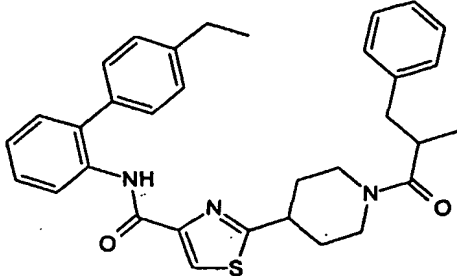
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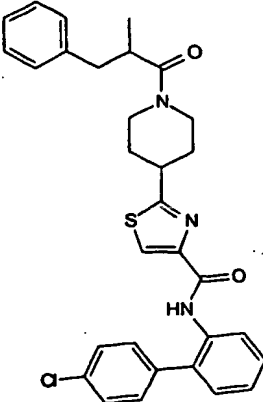
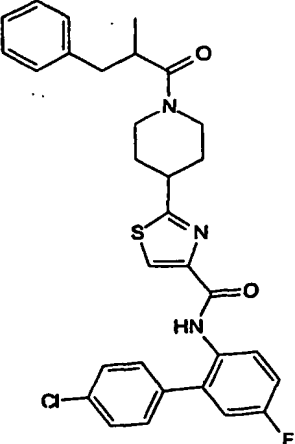
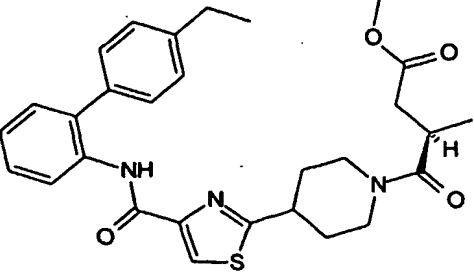
No.	FORMULA	NMR or mass
1044	 <p>2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1045		
1046		
1047		

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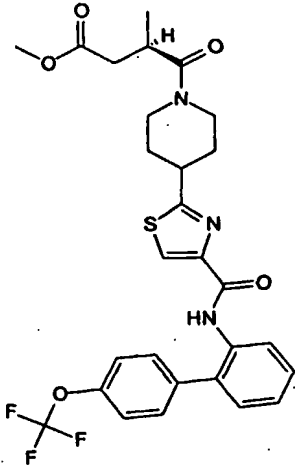
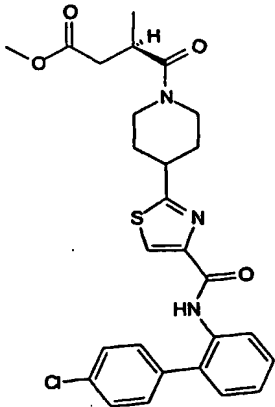
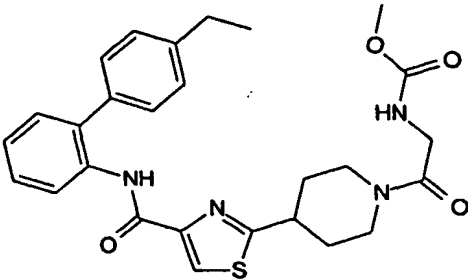
No.	FORMULA	NMR or mass
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1049		
1050		
1051		

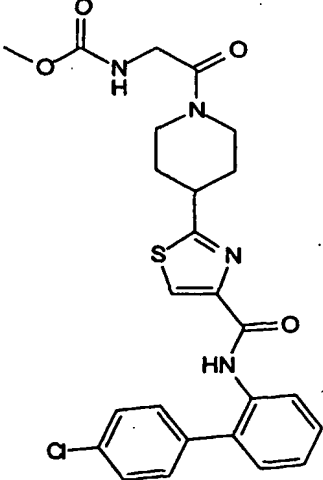
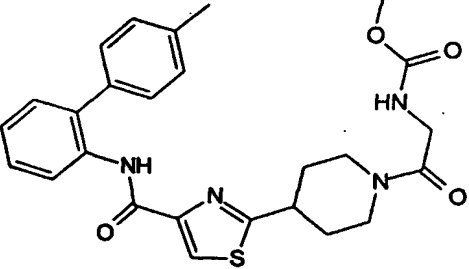
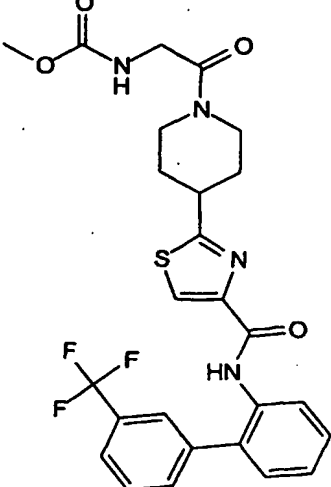
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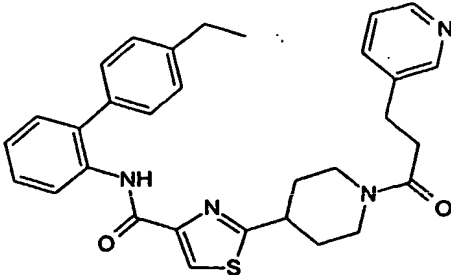
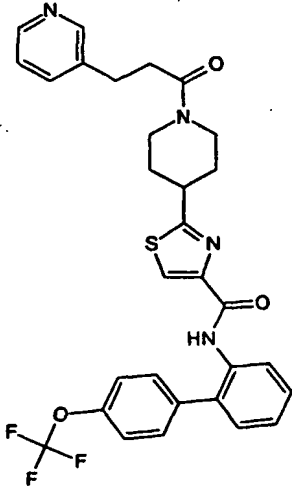
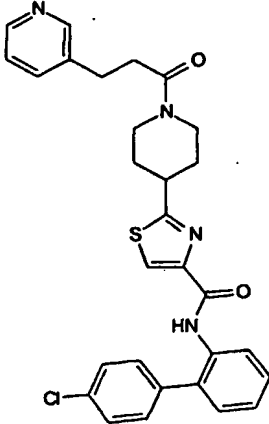
No.	FORMULA	NMR or mass
1052		
1053	 <p data-bbox="298 1220 1162 1276">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1054		

No.	FORMULA	NMR or mass
1055	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1056	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1057		

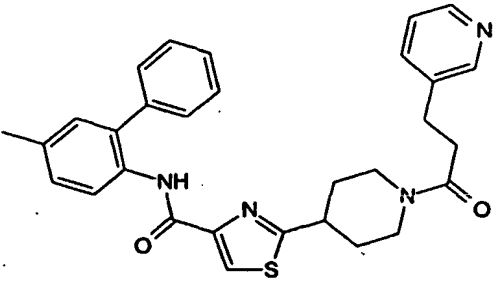
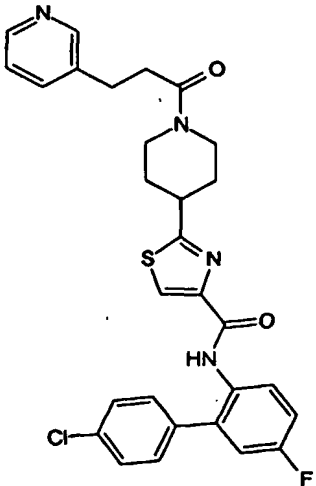
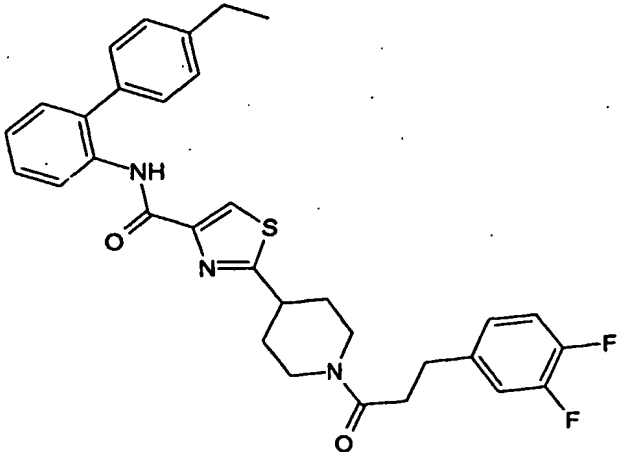
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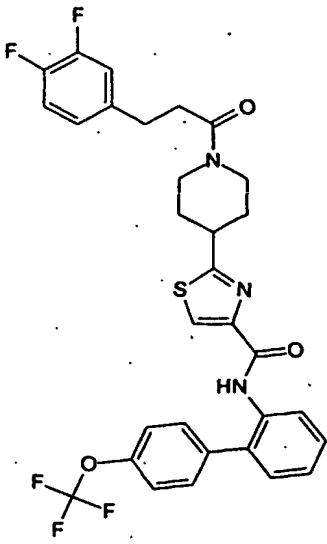
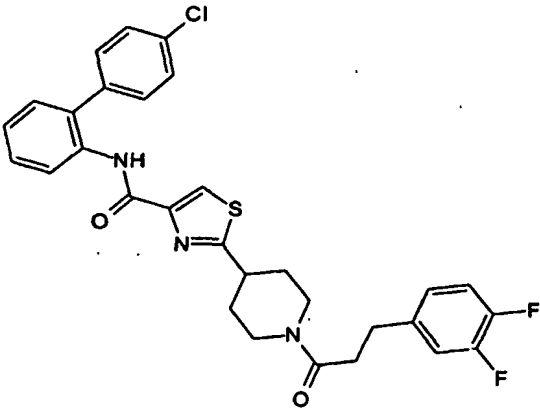
No.	FORMULA	NMR or mass
1058	 <p data-bbox="305 890 1175 947">methyl (3R)-3-methyl-4-oxo-4-{4-[4-((4-(trifluoromethoxy)phenyl)-2-yl)-amino]carbonyl}-1,3-thiazol-2-yl}piperidin-1-ylbutanoate</p>	
1059	 <p data-bbox="305 1446 1203 1503">methyl (3R)-4-[4-(4-((4-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]-3-methyl-4-oxobutanoate</p>	
1060		

No.	FORMULA	NMR or mass
1061	 <chem>COC(=O)NCC(=O)N1CCN(CC1)c2cc(C(=O)Nc3ccccc3-c4ccc(Cl)cc4)cn2</chem>	
1062	 <chem>COC(=O)NCC(=O)N1CCN(CC1)c2cc(C(=O)Nc3ccccc3-c4ccc(C)cc4)cn2</chem>	
1063	 <chem>COC(=O)NCC(=O)N1CCN(CC1)c2cc(C(=O)Nc3ccccc3-c4ccc(C(F)(F)F)cc4)cn2</chem>	

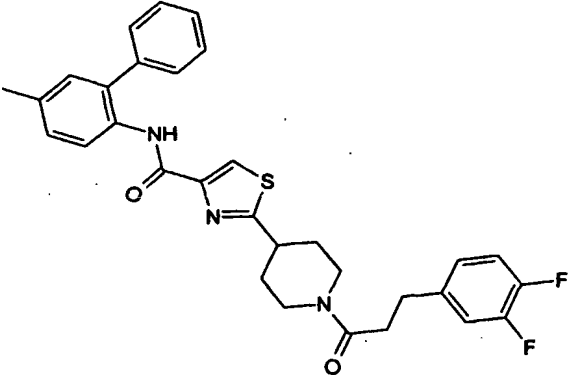
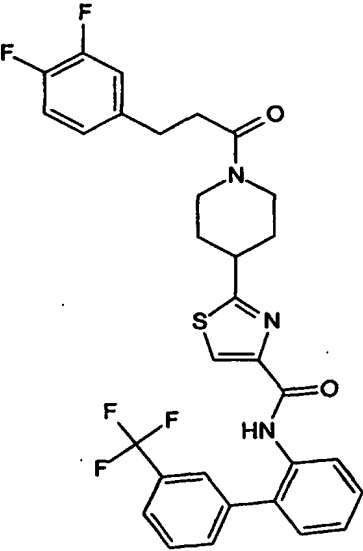
No.	FORMULA	NMR or mass
1064		
1065	 <p data-bbox="300 1262 1214 1318">2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1066	 <p data-bbox="300 1843 1187 1900">N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	



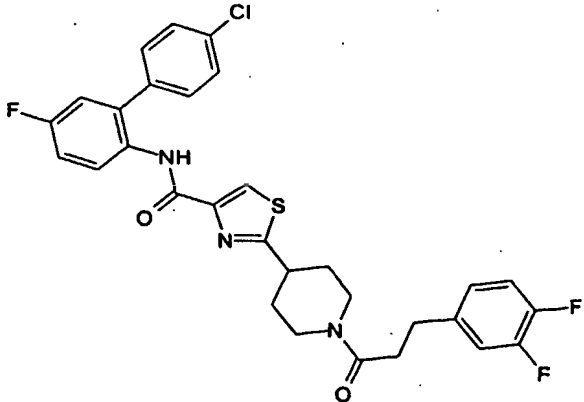
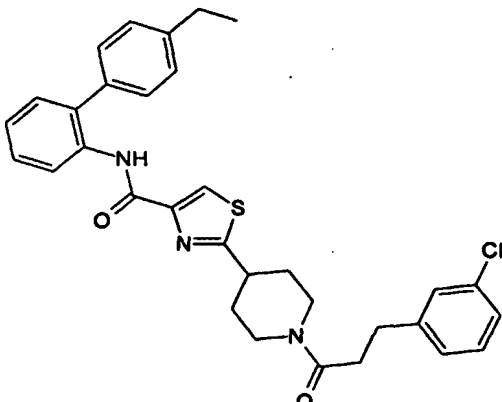
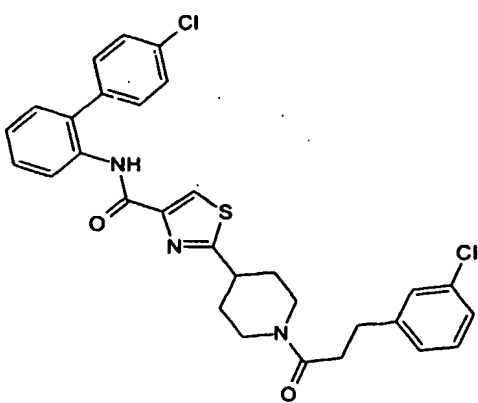
No.	FORMULA	NMR or mass
1067		
1068	 <p data-bbox="300 1262 1209 1325">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1069		

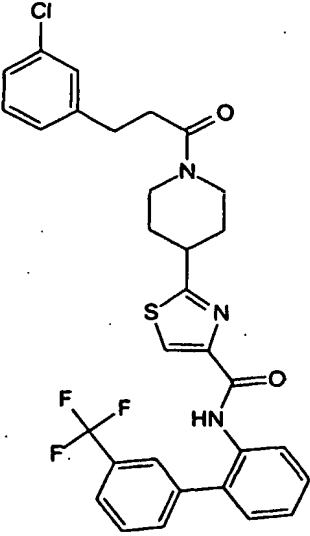
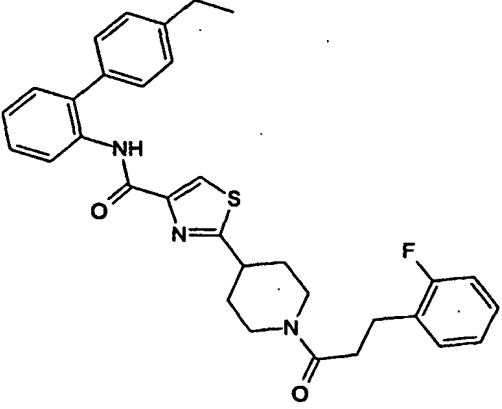
No.	FORMULA	NMR or mass
1070	 <p data-bbox="297 968 1219 1031">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1071	 <p data-bbox="297 1528 1203 1591">N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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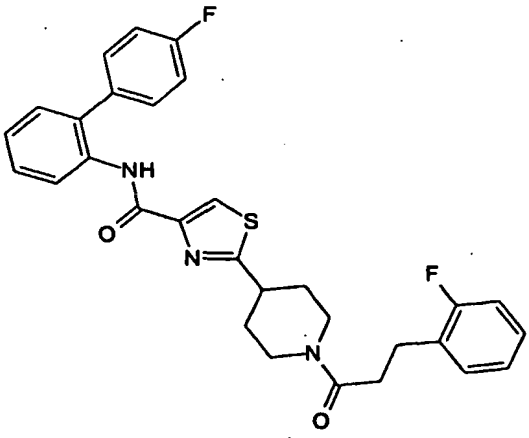
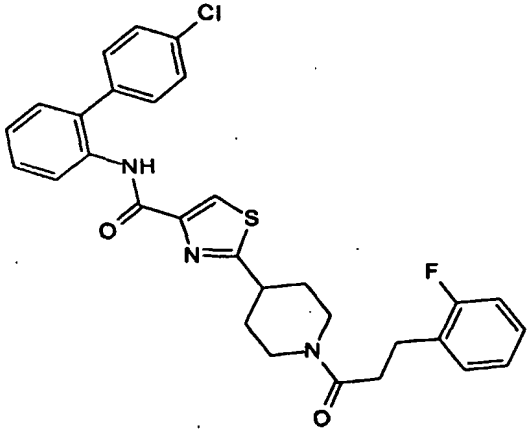
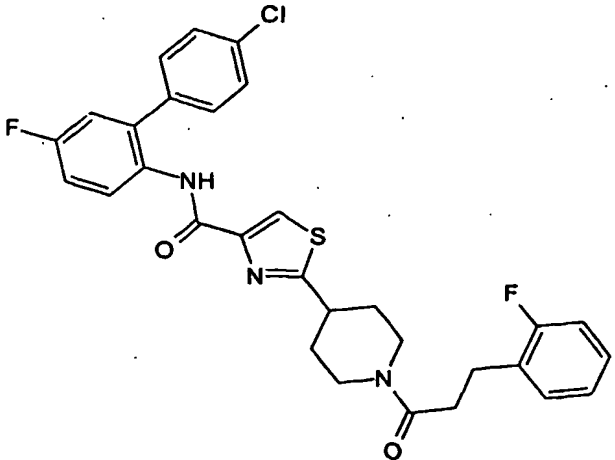
No.	FORMULA	NMR or mass
1072	 <p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1073	 <p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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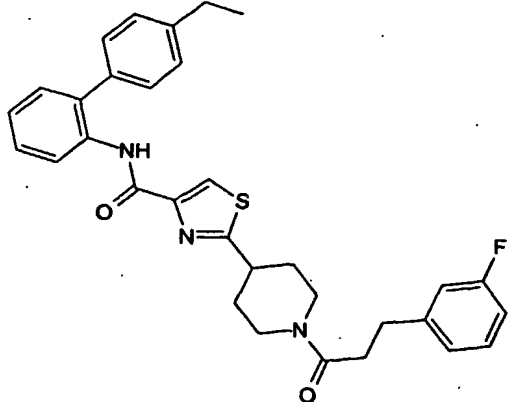
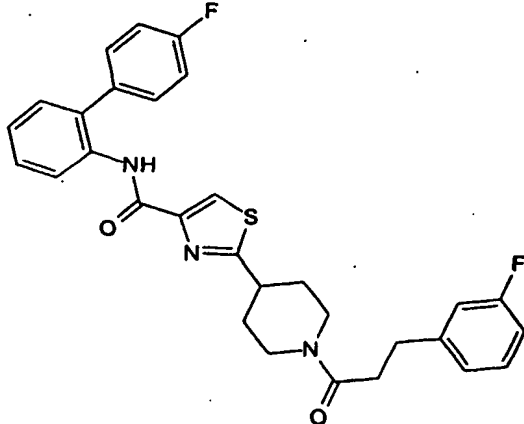
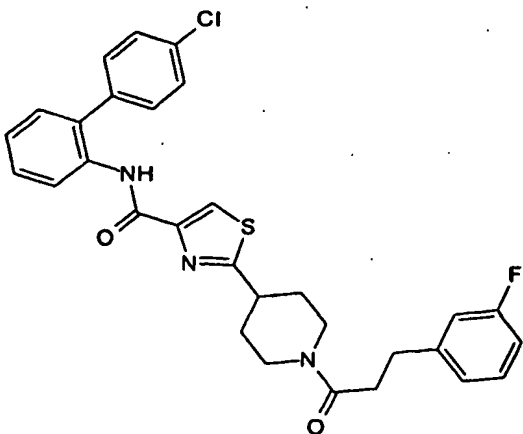
No.	FORMULA	NMR or mass
1074	 <p data-bbox="302 814 1179 873">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1075	 <p data-bbox="302 1329 1187 1388">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1076	 <p data-bbox="302 1833 1203 1892">N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

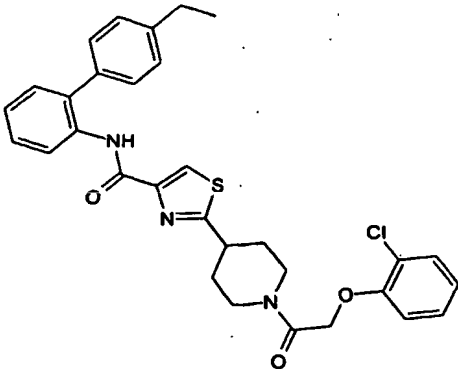
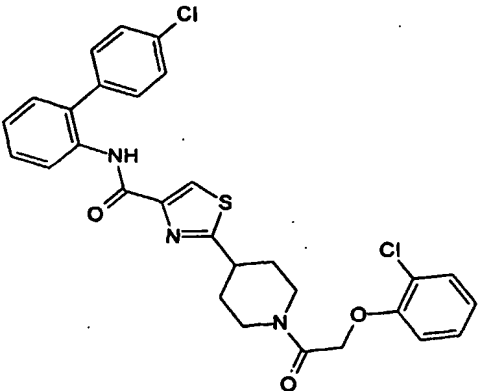
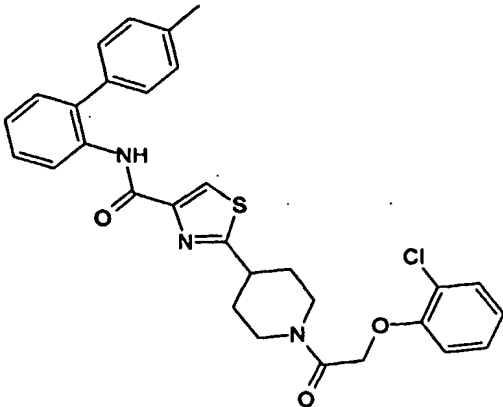
No.	FORMULA	NMR or mass
1077	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1078	 <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1079	 <chem>Fc1ccc(cc1)-c2ccccc2NC(=O)c3cc(sc3C4CCN(CC4)C(=O)CCc5ccccc5F)C6=CC=CC=C6</chem>	
1080	 <chem>Clc1ccc(cc1)-c2ccccc2NC(=O)c3cc(sc3C4CCN(CC4)C(=O)CCc5ccccc5F)C6=CC=CC=C6</chem>	
1081	 <chem>Fc1ccc(cc1)-c2cc(ccc2NC(=O)c3cc(sc3C4CCN(CC4)C(=O)CCc5ccccc5F)C6=CC=CC=C6)C7=CC=CC=C7Cl</chem>	

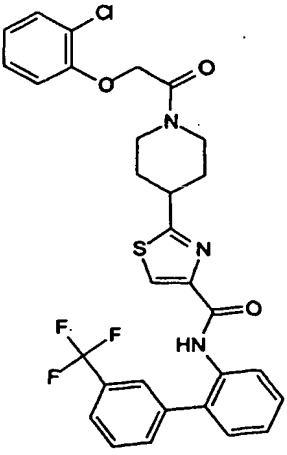
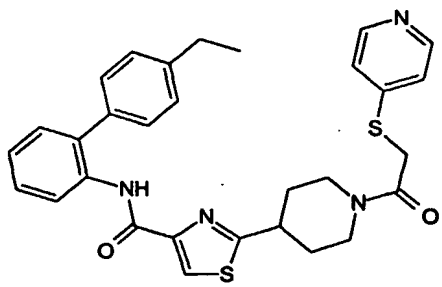
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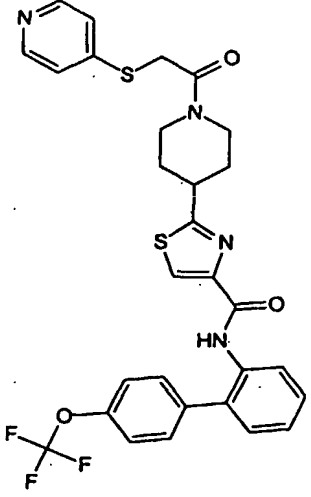
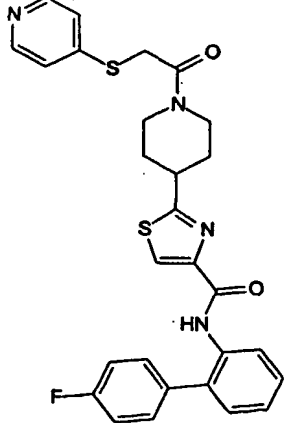
No.	FORMULA	NMR or mass
1082	 <chem>CCc1ccc(cc1)Nc2ccccc2C(=O)c3nc(cc3S)c4ccccc4C(=O)CCc5ccc(F)cc5</chem>	
1083	 <chem>Fc1ccc(cc1)Nc2ccccc2C(=O)c3nc(cc3S)c4ccccc4C(=O)CCc5ccc(F)cc5</chem>	
1084	 <chem>Clc1ccc(cc1)Nc2ccccc2C(=O)c3nc(cc3S)c4ccccc4C(=O)CCc5ccc(F)cc5</chem>	

No.	FORMULA	NMR or mass
1085	 <p data-bbox="295 793 1185 850">2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1086	 <p data-bbox="295 1331 1198 1386">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1087	 <p data-bbox="295 1848 1205 1900">2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

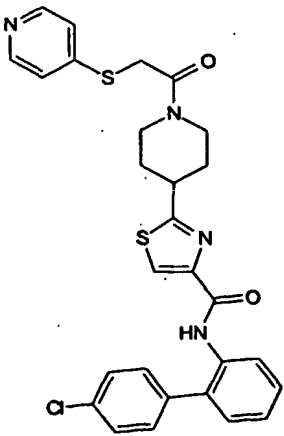
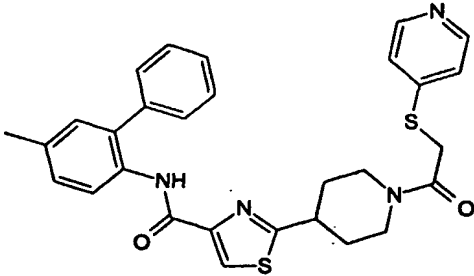
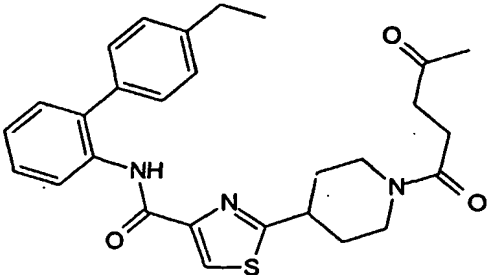


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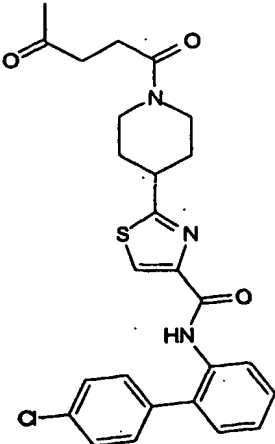
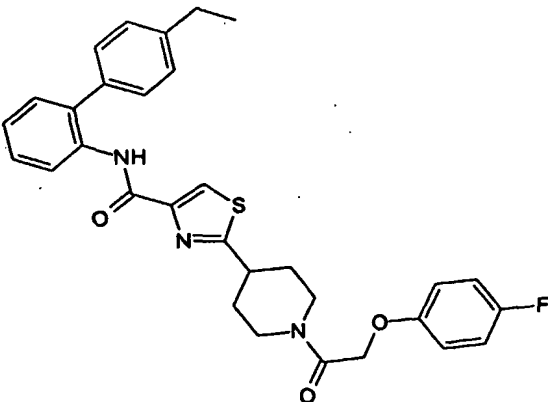
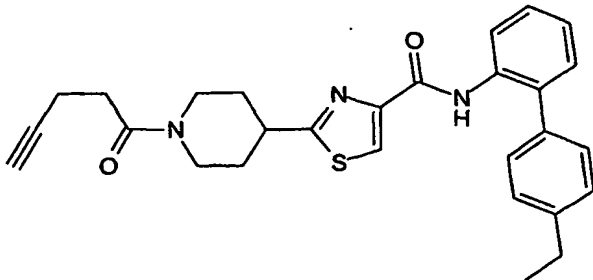
No.	FORMULA	NMR or mass
1088	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1089		

No.	FORMULA	NMR or mass
1090	 <p>2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1091	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

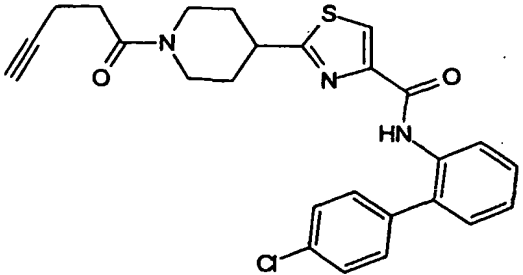
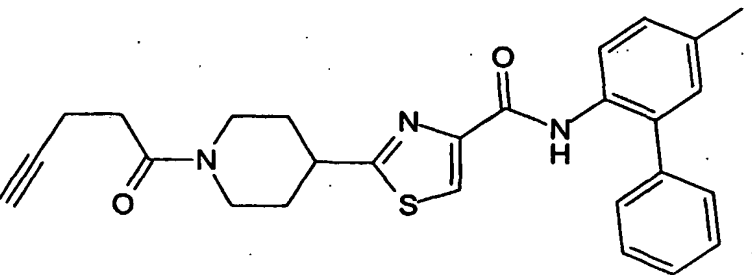
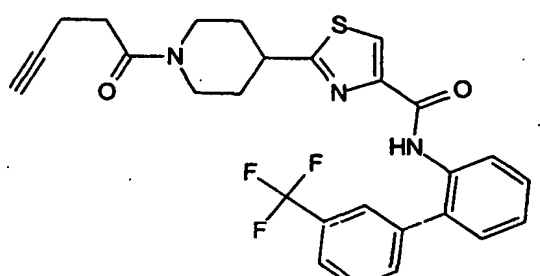
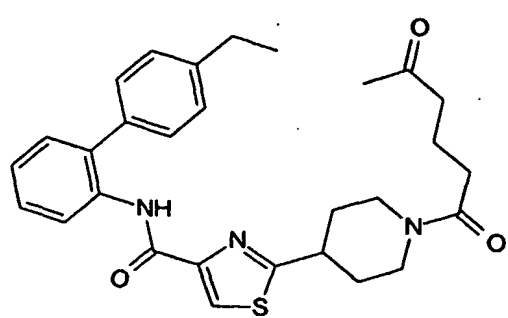
- 415 -

No.	FORMULA	NMR or mass
1092	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1093		
1094		

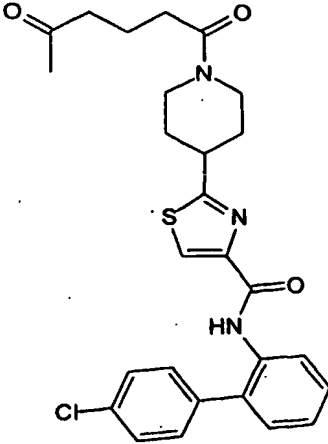
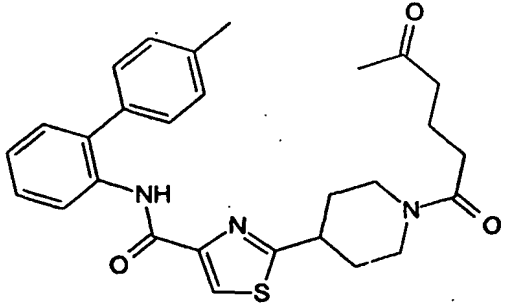
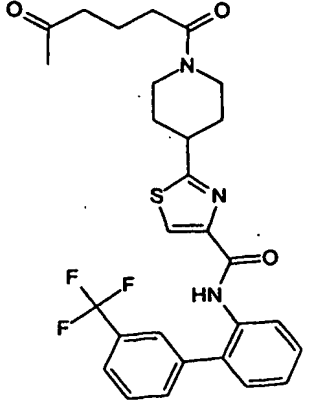
- 416 -

No.	FORMULA	NMR or mass
1095	 <p data-bbox="305 911 1206 968">N-(4'-chlorobiphenyl-2-yl)-2-[1-(4-oxopentanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1096	 <p data-bbox="310 1472 1190 1528">N-(4'-ethylbiphenyl-2-yl)-2-[1-[(4-fluorophenoxy)acetyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1097		

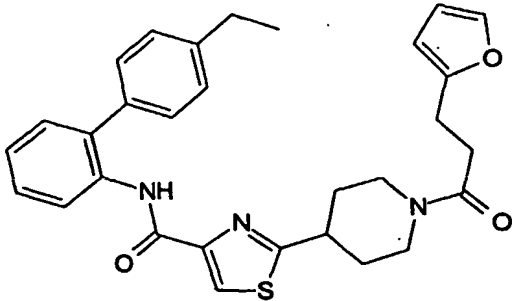
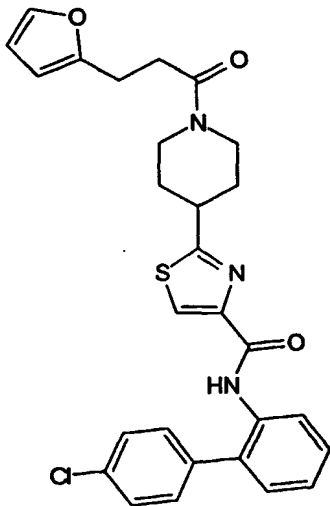
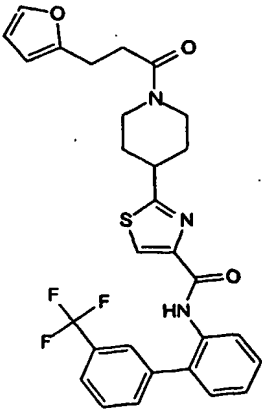
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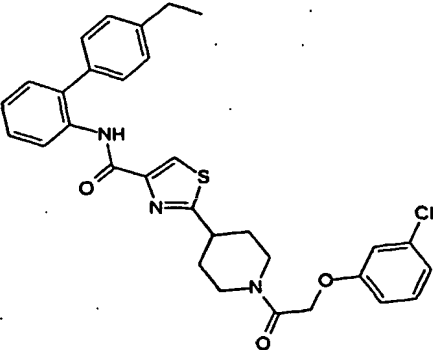
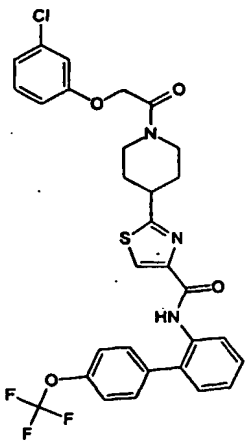
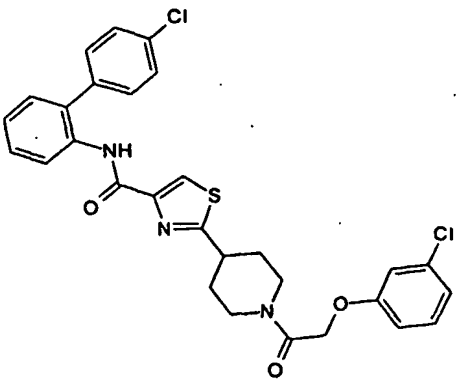
No.	FORMULA	NMR or mass
1098		
1099		
1100		
1101		

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No.	FORMULA	NMR or mass
1102	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(5-oxohexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1103	 <p>2-[1-(5-oxohexanoyl)piperidin-4-yl]-N-[3-(4-methylphenyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1104	 <p>2-[1-(5-oxohexanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

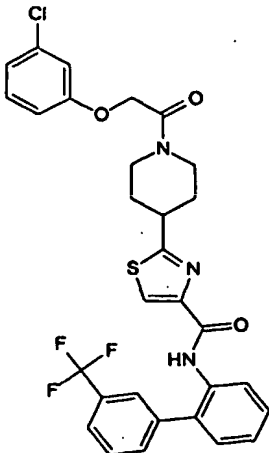
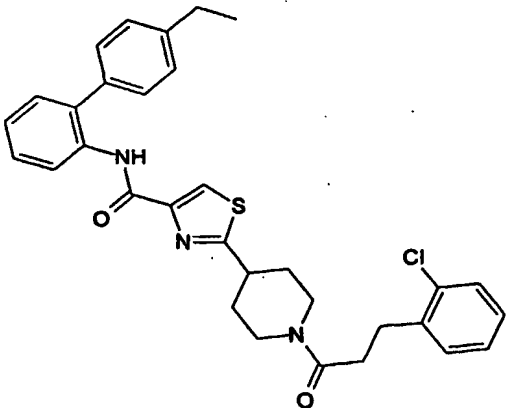
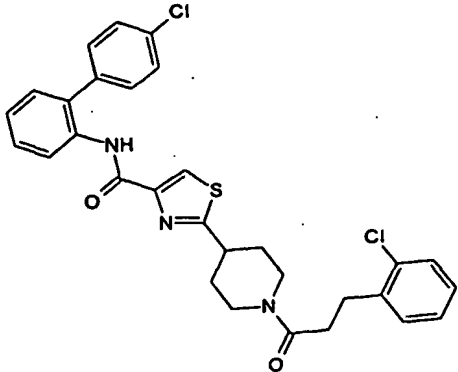
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No.	FORMULA	NMR or mass
1105		
1106		
1107	 <p data-bbox="310 1814 1222 1877">2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

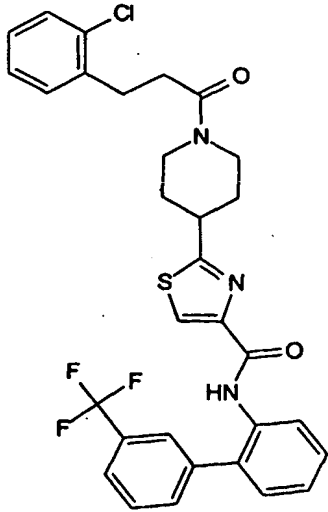
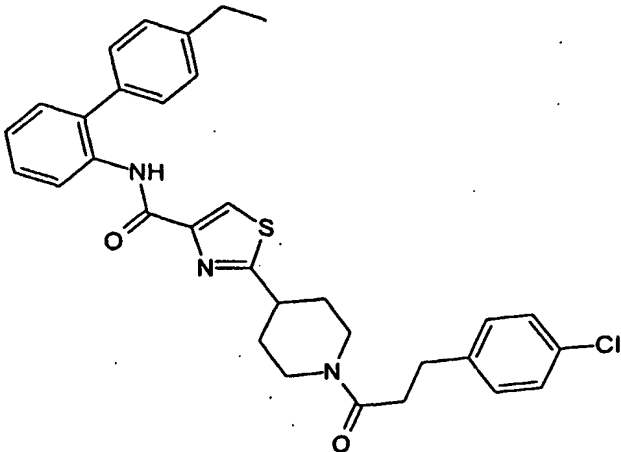
No.	FORMULA	NMR or mass
1108	 <p data-bbox="300 756 1185 819">2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1109	 <p data-bbox="300 1291 1128 1354">2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1110	 <p data-bbox="300 1785 1209 1848">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

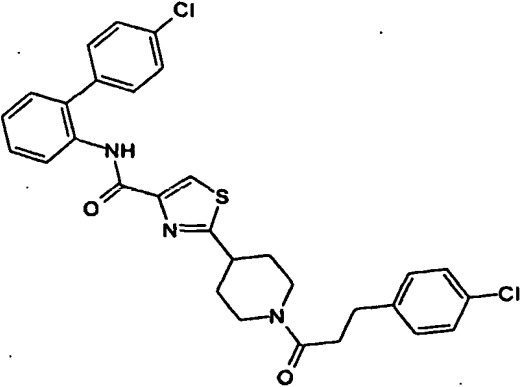
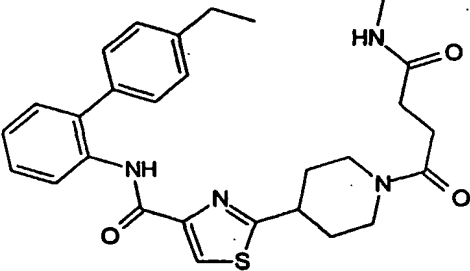
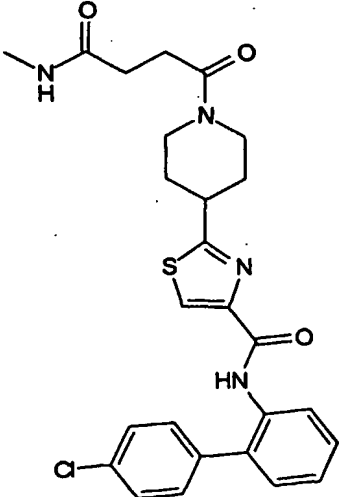


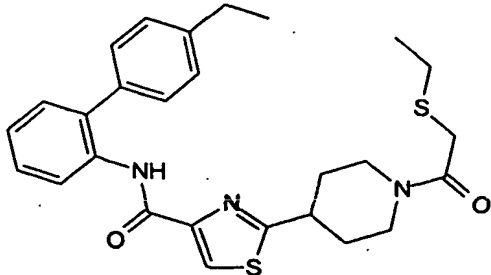
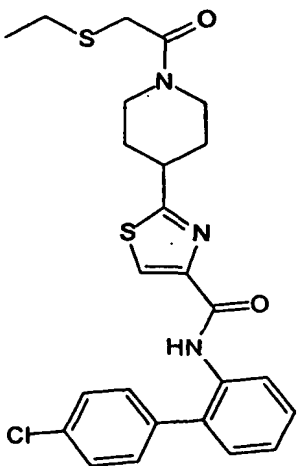
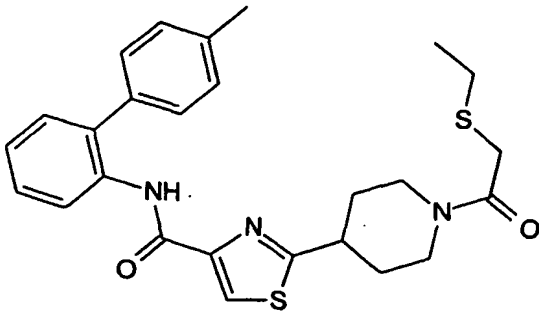
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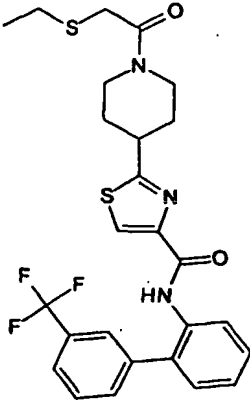
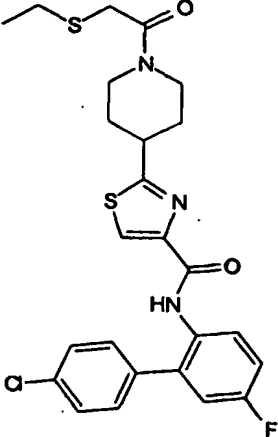
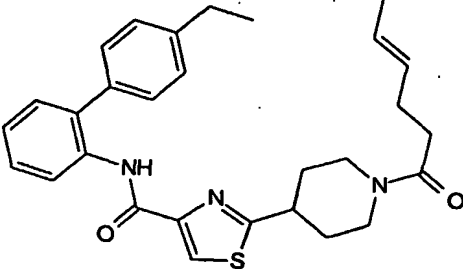
No.	FORMULA	NMR or mass
1111	 <p data-bbox="300 892 1209 947">2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl]-1,3-thiazole-4-carboxamide</p>	
1112		
1113	 <p data-bbox="300 1827 1209 1881">N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

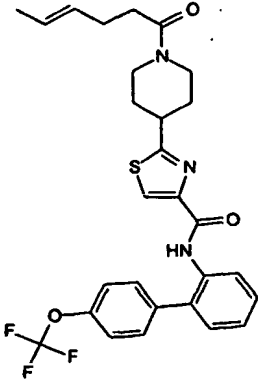
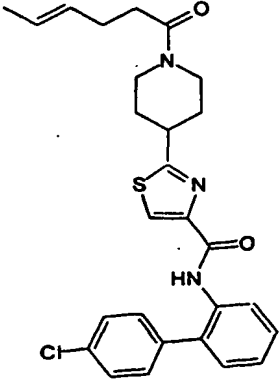
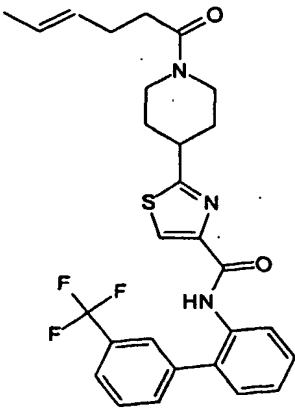
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No.	FORMULA	NMR or mass
1114	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1115	 <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

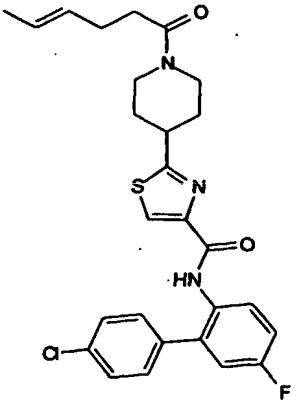
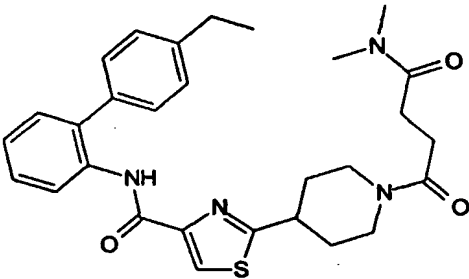
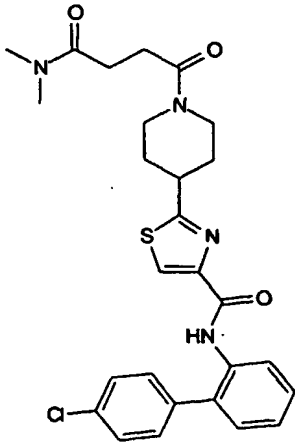
No.	FORMULA	NMR or mass
1116	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1117		
1118		

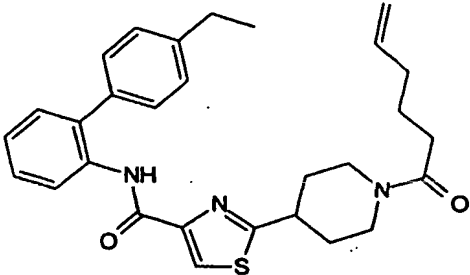
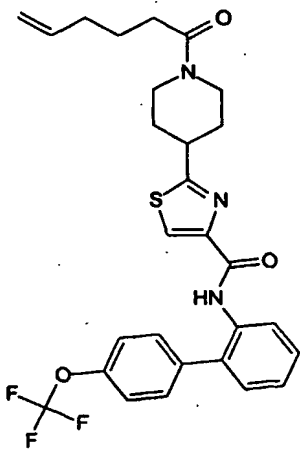
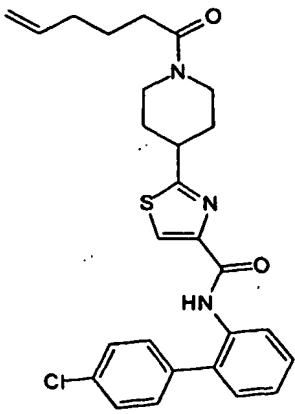
No.	FORMULA	NMR or mass
1119		
1120	 <p data-bbox="289 1260 1193 1323">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(ethylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1121		

No.	FORMULA	NMR or mass
1122	 <p data-bbox="289 827 1208 884">2-{1-[(ethylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1123	 <p data-bbox="289 1409 1187 1465">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(ethylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1124		

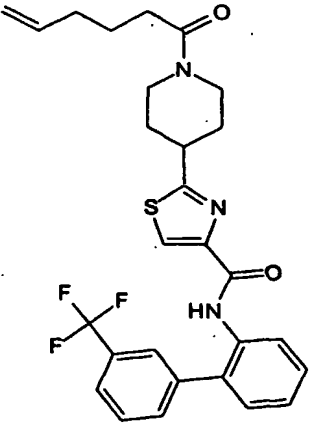
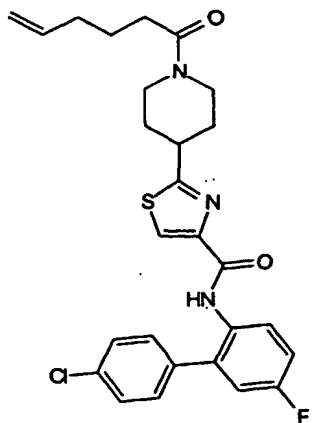
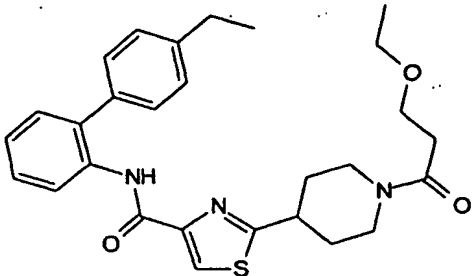
No.	FORMULA	NMR or mass
1125	 <p data-bbox="298 814 1205 869">2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1126	 <p data-bbox="298 1329 1214 1383">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1127	 <p data-bbox="298 1833 1179 1890">2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

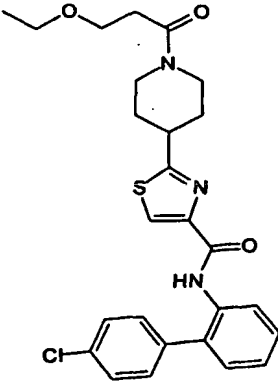
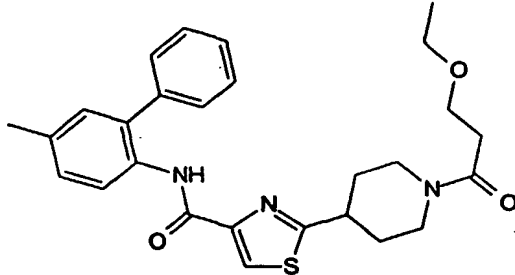
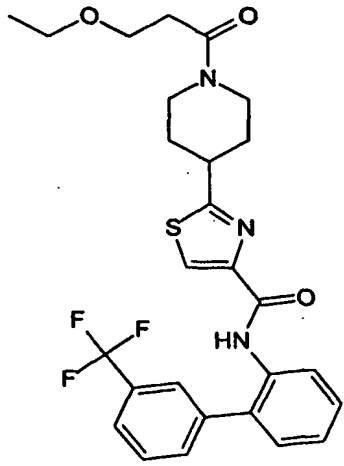
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No.	FORMULA	NMR or mass
1128	 <p data-bbox="305 846 1222 905">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1129		
1130	 <p data-bbox="305 1806 1206 1864">N-(4'-chlorobiphenyl-2-yl)-2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

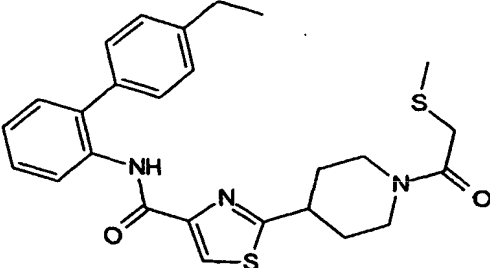
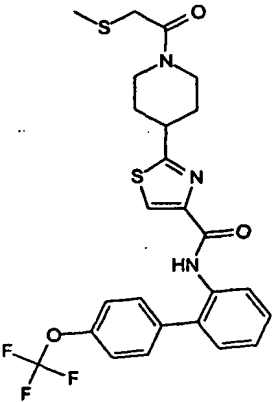
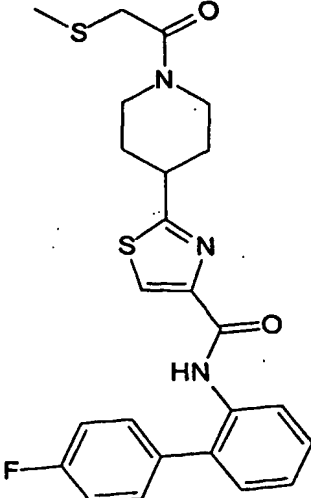
No.	FORMULA	NMR or mass
1131		
1132	 <p data-bbox="300 1247 1170 1304">2-(1-hex-5-enoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1133	 <p data-bbox="300 1787 1162 1841">N-(4'-chlorobiphenyl-2-yl)-2-(1-hex-5-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

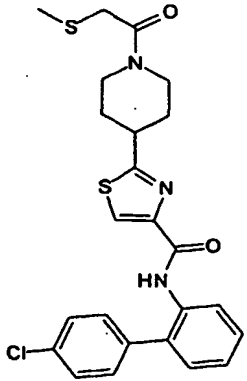
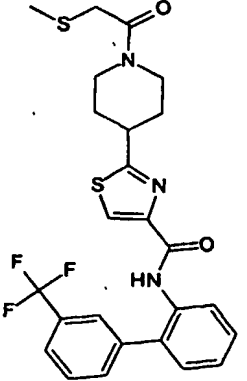
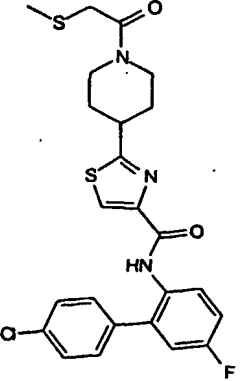


No.	FORMULA	NMR or mass
1134	 <p data-bbox="300 892 1144 945">2-(1-hex-5-enoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1135	 <p data-bbox="300 1438 1144 1491">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hex-5-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1136		

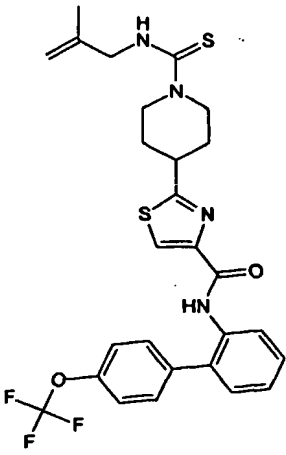
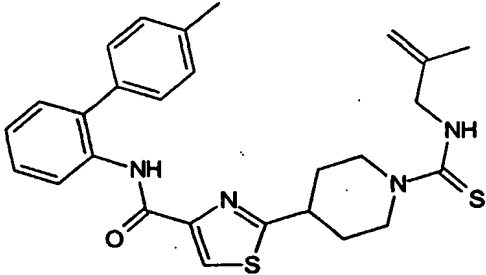
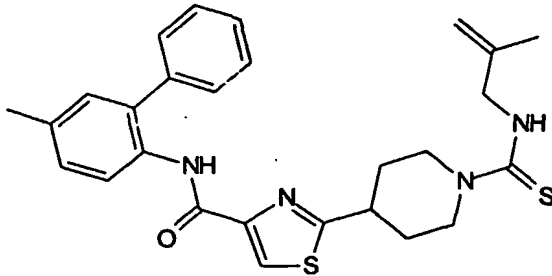
No.	FORMULA	NMR or mass
1137	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1138		
1139		

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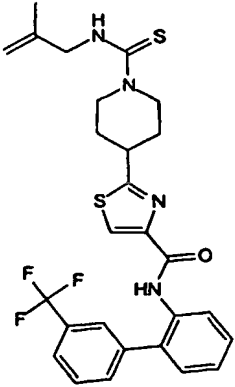
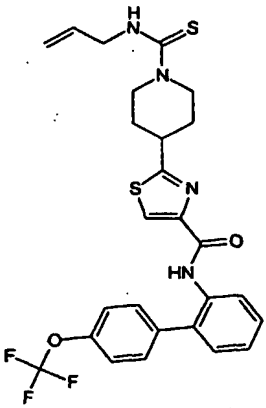
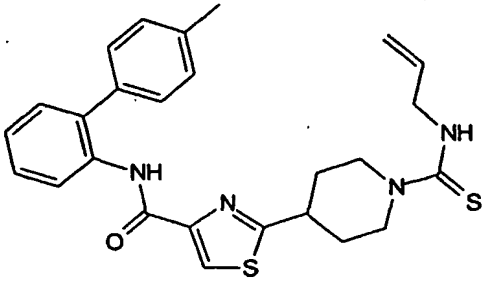
No.	FORMULA	NMR or mass
1140		
1141	 <p data-bbox="289 1171 1203 1234">2-{1-[(methylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1142		

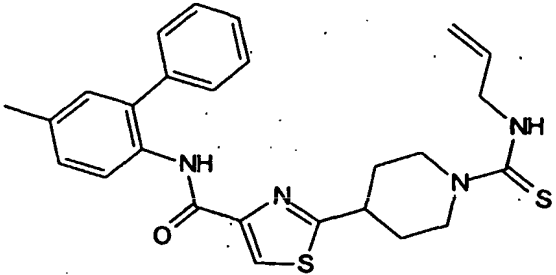
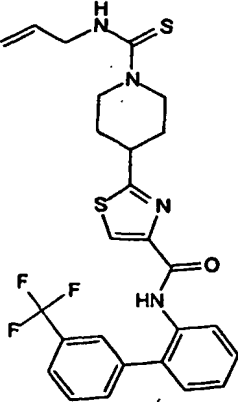
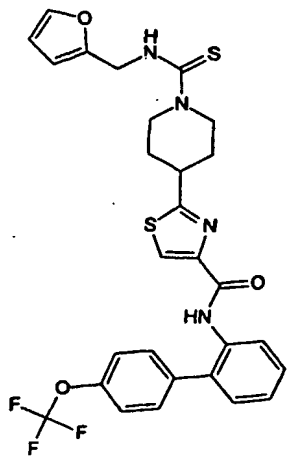
No.	FORMULA	NMR or mass
1143	 <p data-bbox="292 798 1120 861">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(methylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1144	 <p data-bbox="292 1344 1185 1407">2-{1-[(methylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1145	 <p data-bbox="292 1837 1169 1890">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(methylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

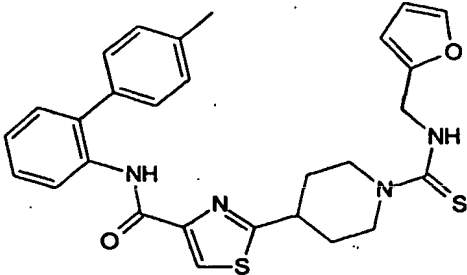
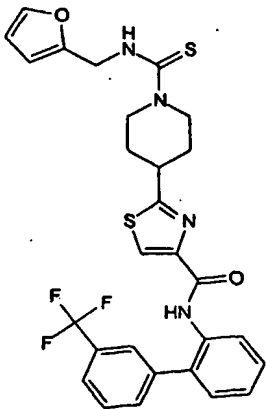
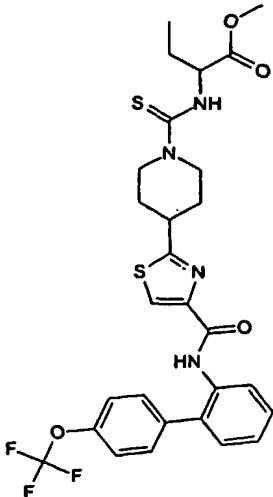
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No.	FORMULA	NMR or mass
1146	 <p data-bbox="305 913 1169 970">2-(1-(((2-methylprop-2-en-1-yl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1147		
1148		

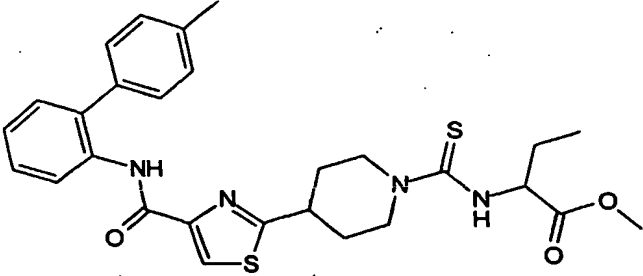
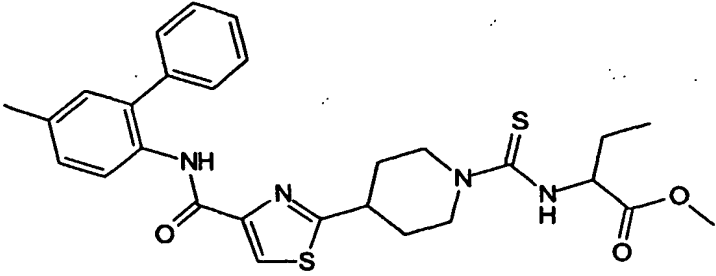
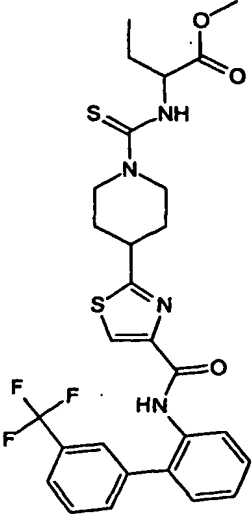
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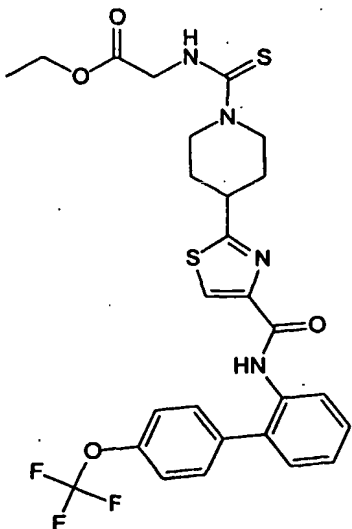
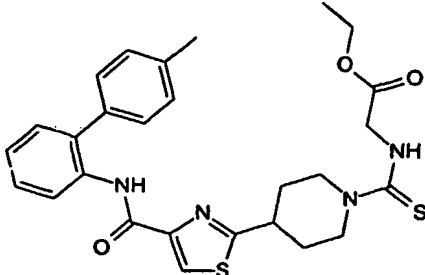
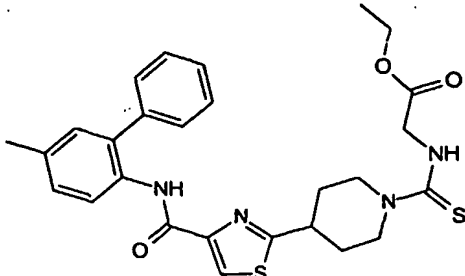
No.	FORMULA	NMR or mass
1149	 <p>2-(1-((2-methylprop-2-en-1-yl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1150	 <p>2-(1-((allylamino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1151		

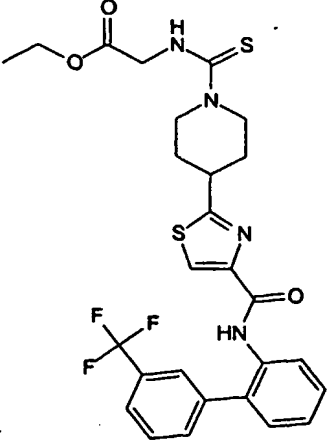
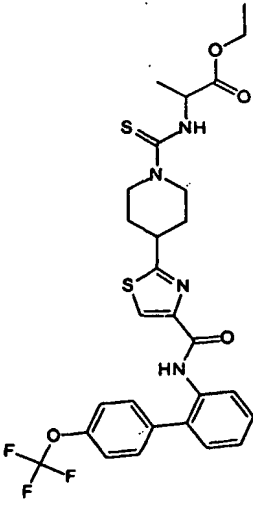
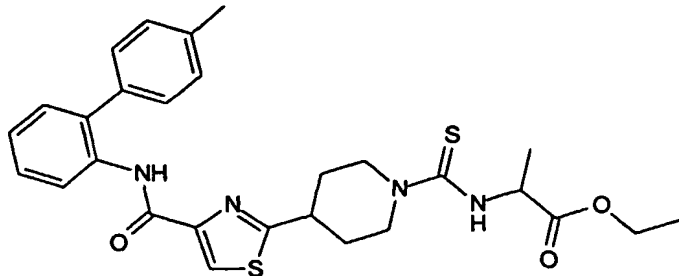
No.	FORMULA	NMR or mass
1152		
1153	 <p data-bbox="292 1207 1218 1270">2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1154	 <p data-bbox="292 1785 1218 1848">2-(1-[[[2-(furylmethyl)amino]carbonothioyl]piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

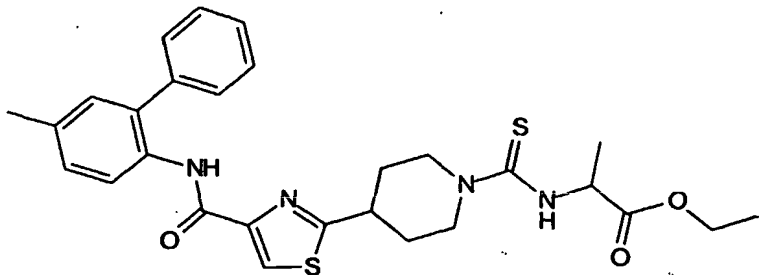
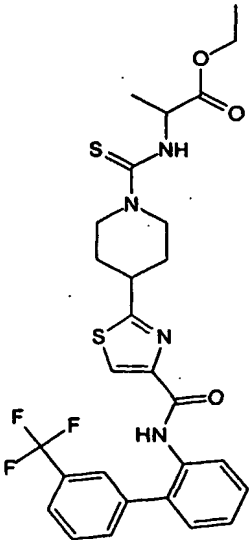
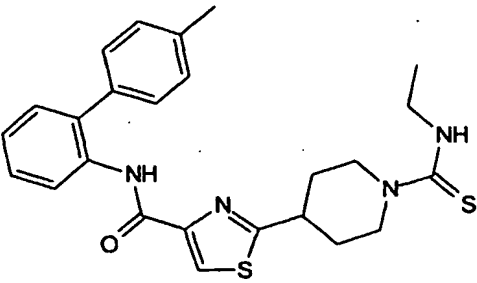
No.	FORMULA	NMR or mass
1155		
1156	 <p data-bbox="298 1192 1153 1255">2-(1-[[[(2-furylmethyl)amino]carbonothioyl]piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1157	 <p data-bbox="298 1843 1177 1900">methyl 2-[[[4-[4-[[[4'-(trifluoromethoxy)biphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]carbonothioyl]amino]butanoate</p>	

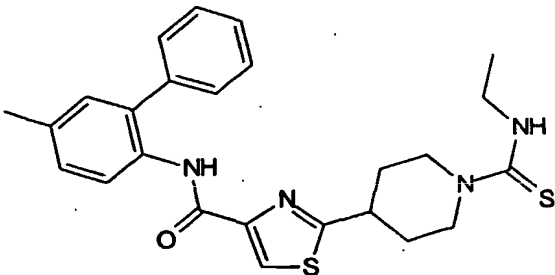
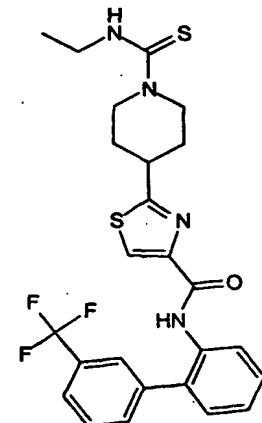
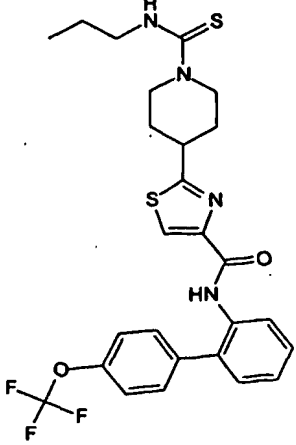


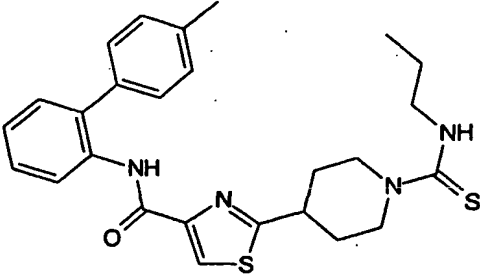
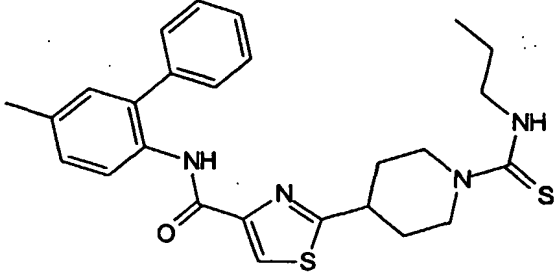
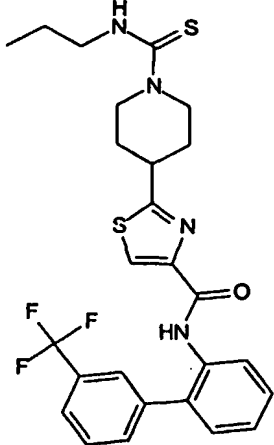
No.	FORMULA	NMR or mass
1158		
1159		
1160	 <p data-bbox="289 1665 1149 1728">methyl 2-[[[4-[4-([3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]carbonothioyl]amino]butanoate</p>	

No.	FORMULA	NMR or mass
1161	 <p data-bbox="302 974 1154 1037">ethyl N-({4-[4-({4'-(trifluoromethoxy)biphenyl-2-yl}amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioyl)glycinate</p>	
1162		
1163		

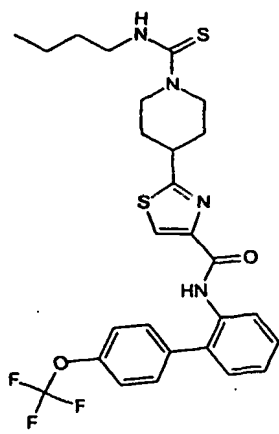
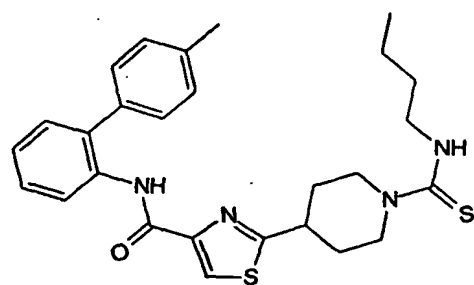
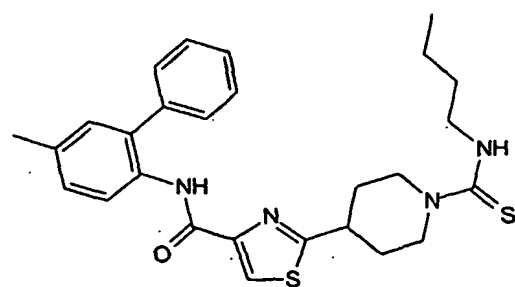
No.	FORMULA	NMR or mass
1164	 <p>ethyl N-((4-[4-((3-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl)carbothioyl)glycinate</p>	
1165	 <p>ethyl N-((4-[4-((4-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl)carbothioyl)alaninate</p>	
1166		

No.	FORMULA	NMR or mass
1167		
1168	 <p data-bbox="305 1325 1219 1388">ethyl N-((4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioyl)alaninate</p>	
1169		

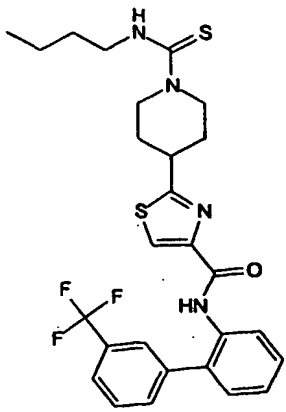
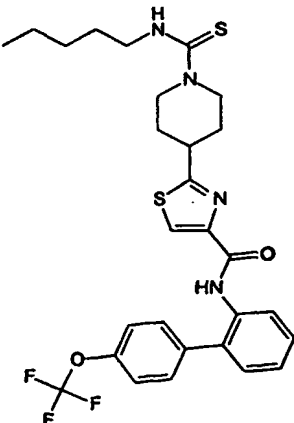
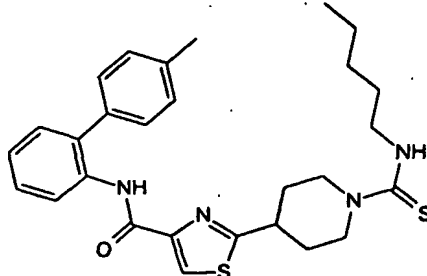
No.	FORMULA	NMR or mass
1170		
1171	 <p data-bbox="300 1218 1120 1281">2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1172	 <p data-bbox="300 1816 1161 1879">2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1173		
1174		
1175	 <p data-bbox="297 1654 1136 1715">2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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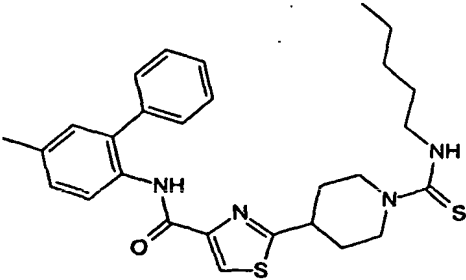
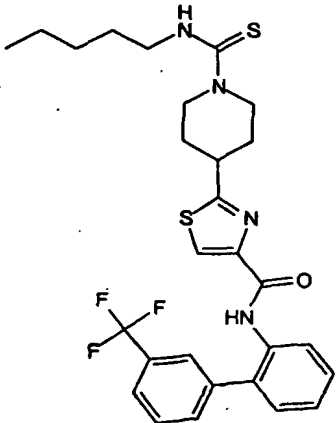
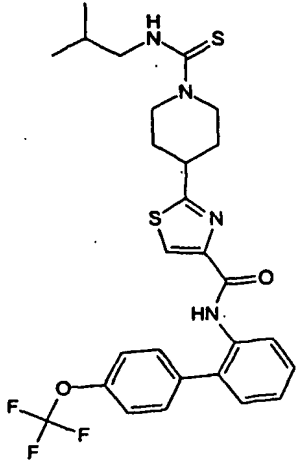
No.	FORMULA	NMR or mass
1176	 <p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1177		
1178		

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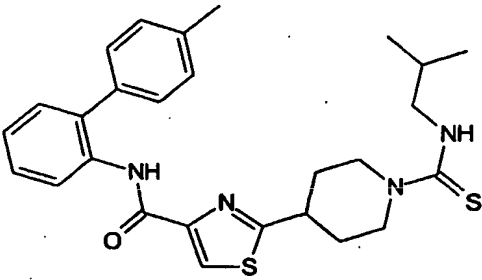
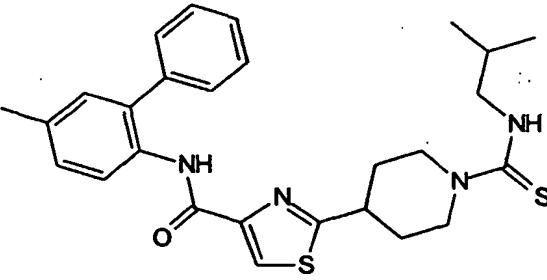
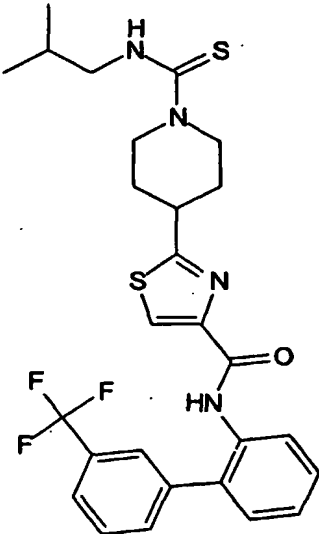
No.	FORMULA	NMR or mass
1179	 <p data-bbox="305 840 1128 903">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1180	 <p data-bbox="305 1417 1169 1480">2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1181		



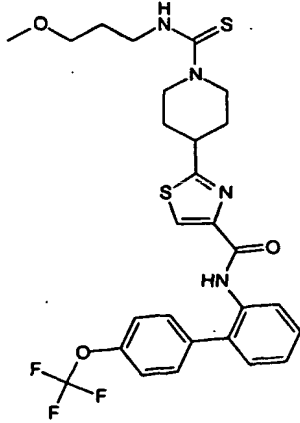
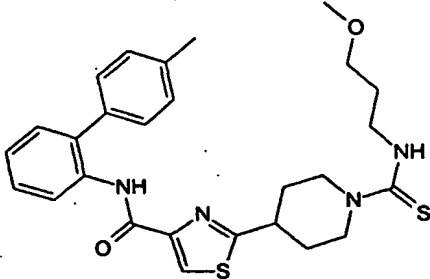
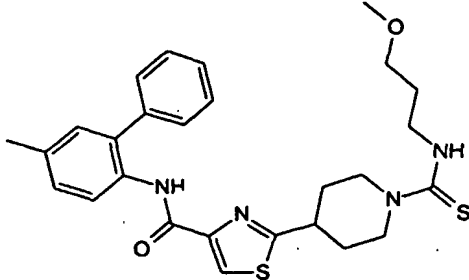
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No.	FORMULA	NMR or mass
1182		
1183	 <p data-bbox="293 1213 1133 1270">2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1184	 <p data-bbox="293 1822 1177 1879">2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

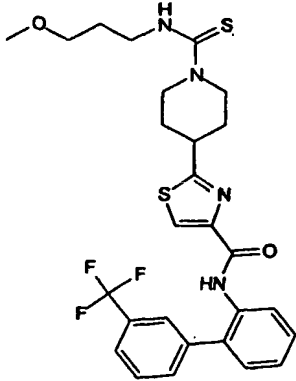
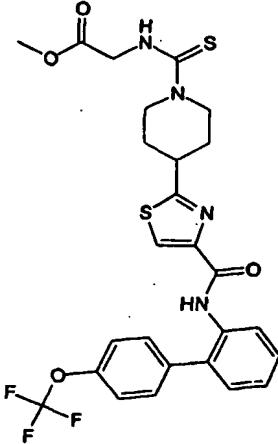
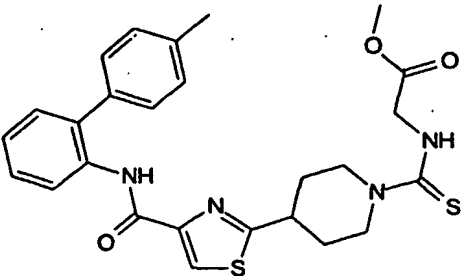
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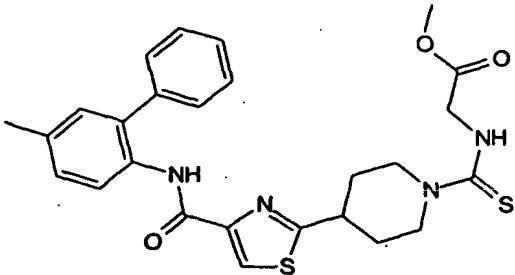
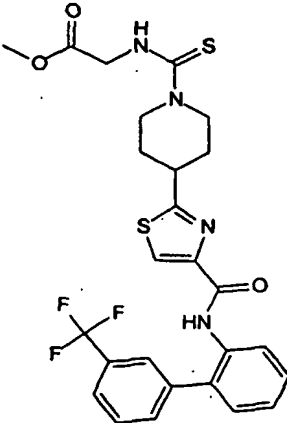
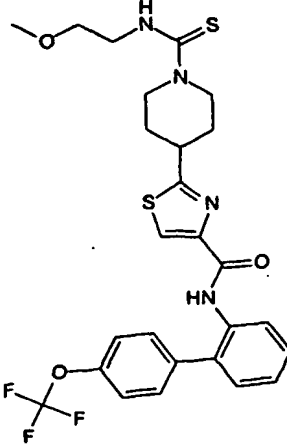
No.	FORMULA	NMR or mass
1185	 <chem>CC1=CC=C(C=C1)C2=CC=CC=C2C(=O)Nc3ccsc3C4CCN(CC4)C(=S)NC(C)C</chem>	
1186	 <chem>CC1=CC=C(C=C1)C2=CC=CC=C2C(=O)Nc3ccsc3C4CCN(CC4)C(=S)NC(C)C</chem>	
1187	 <chem>CC(C)NC(=S)N1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3-c4ccccc4C(F)(F)F</chem>	

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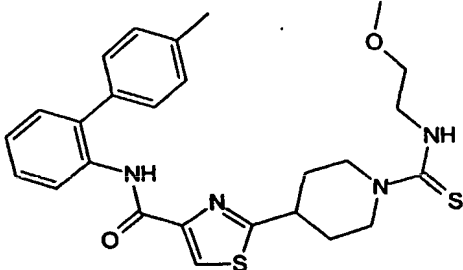
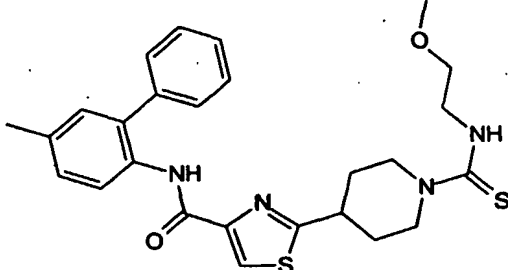
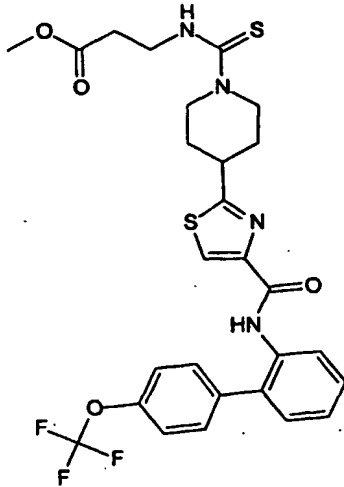
No.	FORMULA	NMR or mass
1188	 <p>2-(1-(((3-methoxypropyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1189		
1190		

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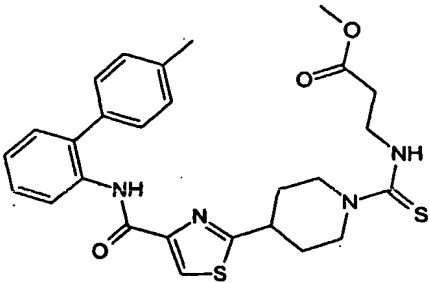
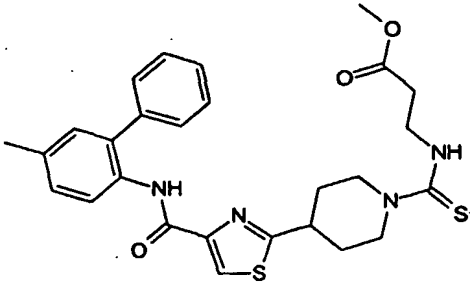
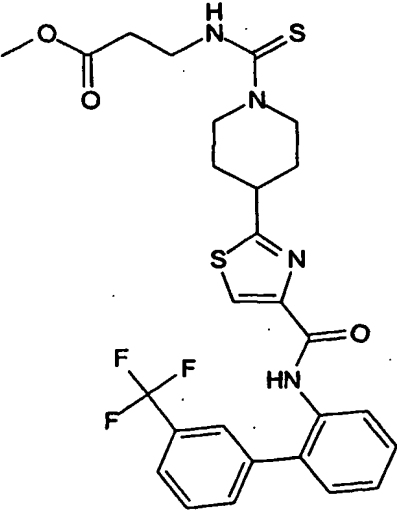
No.	FORMULA	NMR or mass
1191	 <p>2-(1-(((3-methoxypropyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1192	 <p>methyl N-({4-[4-({4'-(trifluoromethoxy)biphenyl-2-yl}amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioyl)glycinate</p>	
1193		

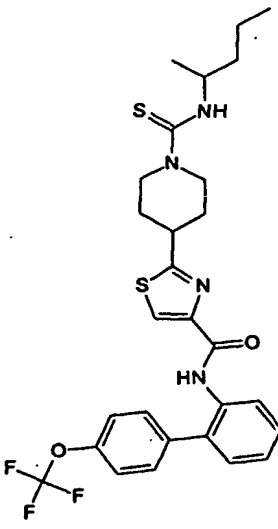
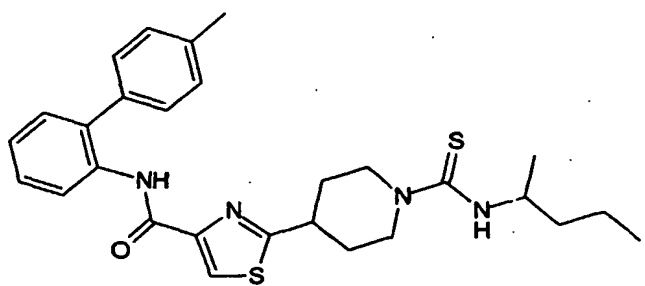
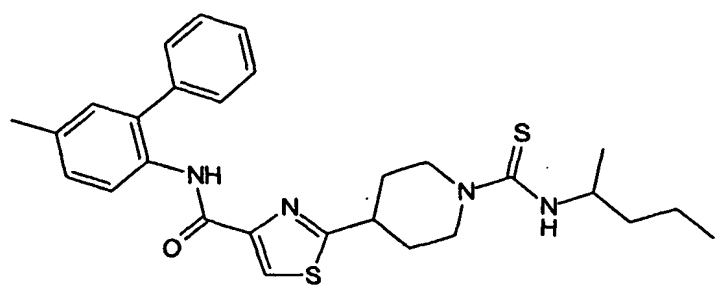
No.	FORMULA	NMR or mass
1194		
1195	 <p data-bbox="289 1213 1144 1276">methyl N-({4-[4-{{3'-(trifluoromethyl)biphenyl-2-yl}amino}carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioyl)glycinate</p>	
1196	 <p data-bbox="289 1795 1177 1858">2-(1-{{(2-methoxyethyl)amino}carbonothioyl}piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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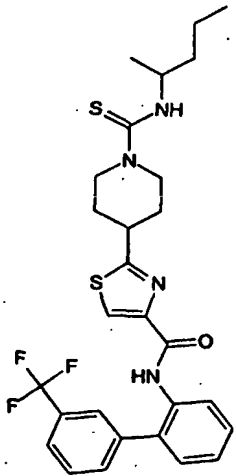
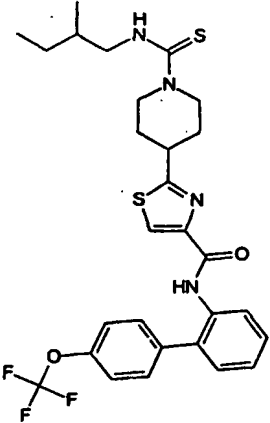
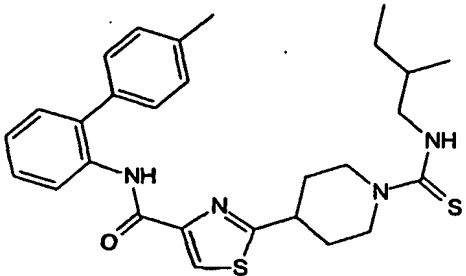
No.	FORMULA	NMR or mass
1197		
1198		
1199	 <p data-bbox="310 1654 1187 1717">methyl N-({4-[4-({4'-(trifluoromethoxy)biphenyl-2-yl}amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	

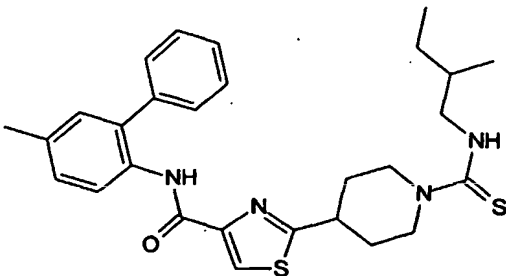
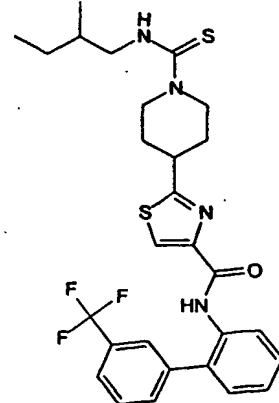
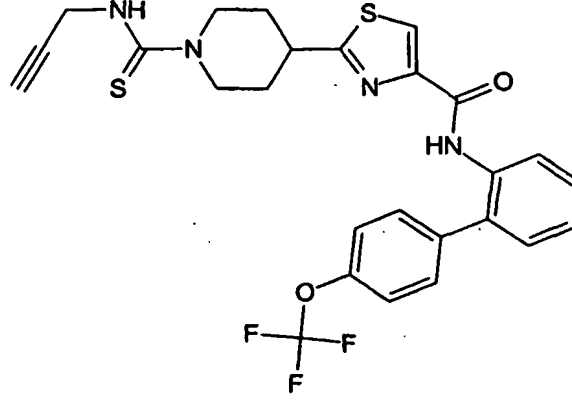
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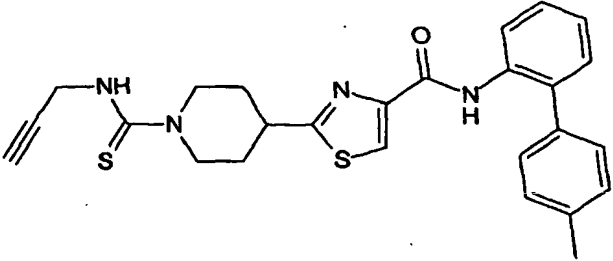
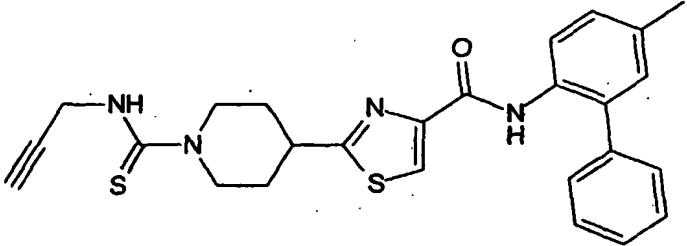
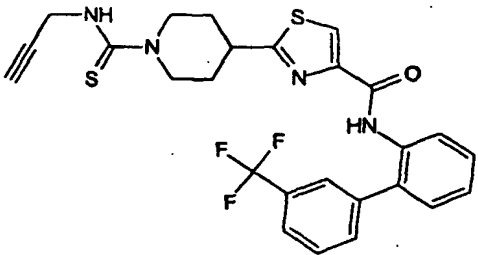
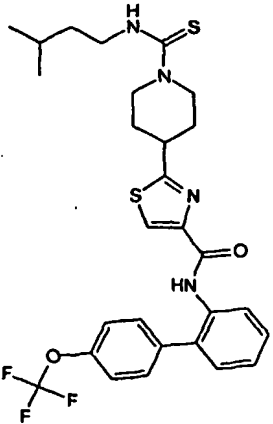
No.	FORMULA	NMR or mass
1200		
1201		
1202		

No.	FORMULA	NMR or mass
1203	 <p>2-(1-(((1-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1204		
1205		

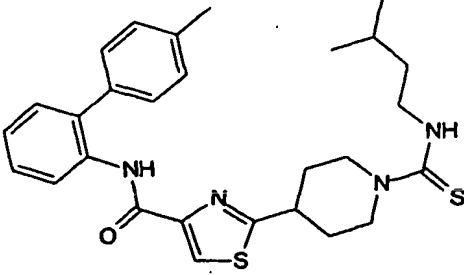
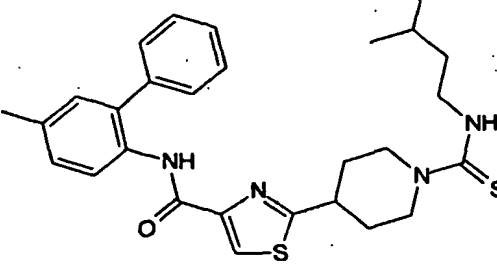
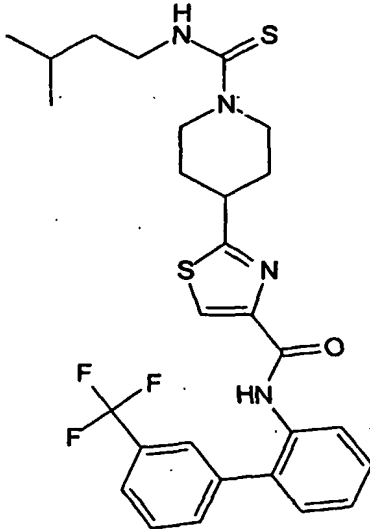


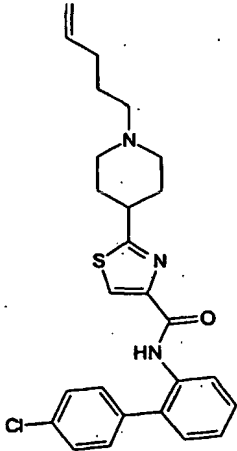
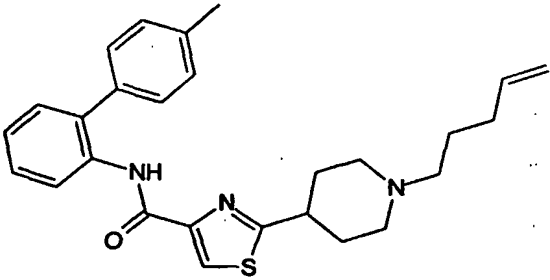
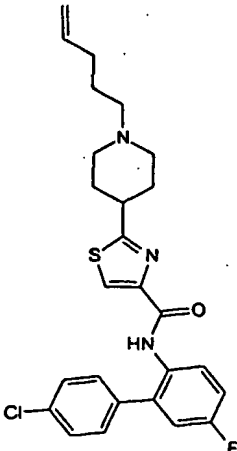
No.	FORMULA	NMR or mass
1206	 <p data-bbox="300 892 1161 966">2-(1-((1-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1207	 <p data-bbox="300 1449 1161 1522">2-(1-((2-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1208		

No.	FORMULA	NMR or mass
1209		
1210	 <p data-bbox="305 1197 1161 1260">2-(1-(((2-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1211		

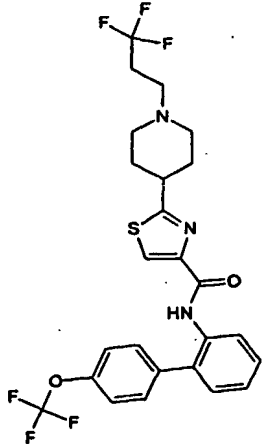
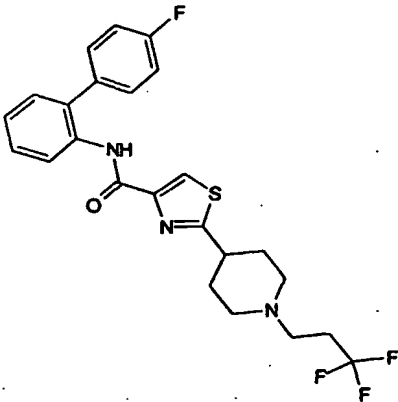
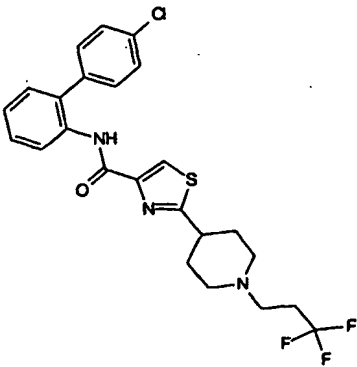
No.	FORMULA	NMR or mass
1212		
1213		
1214		
1215	 <p data-bbox="282 1814 1143 1877">2-(1-(((3-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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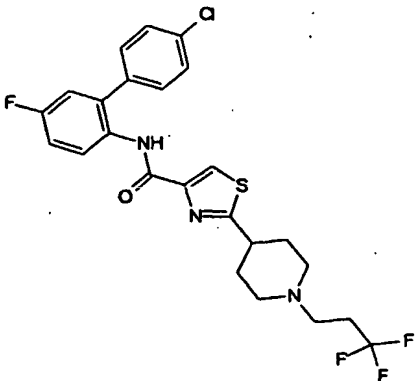
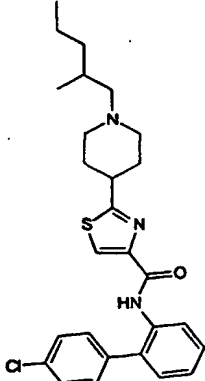
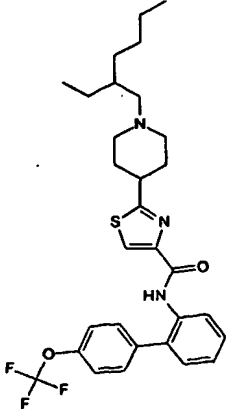
No.	FORMULA	NMR or mass
1216		
1217		
1218		

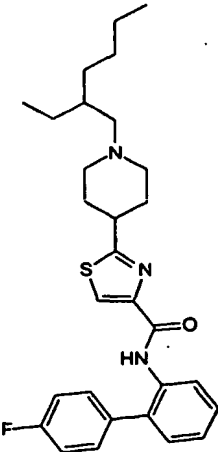
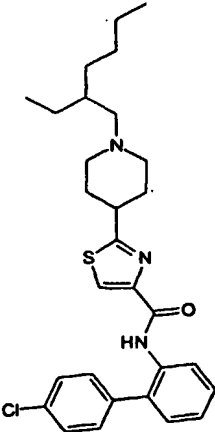
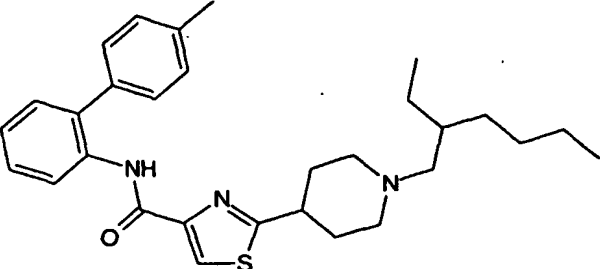
No.	FORMULA	NMR or mass
1219	 <p data-bbox="293 877 1187 936">N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-4-en-1-ylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1220		
1221	 <p data-bbox="293 1843 1162 1896">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-4-en-1-ylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1222	 <p>N-[4'-(trifluoromethoxy)biphenyl-2-yl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1223	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1224	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

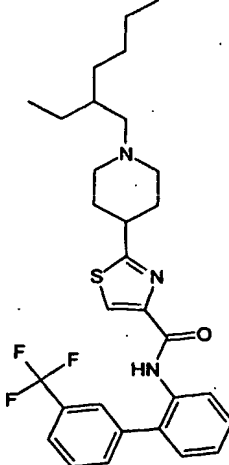
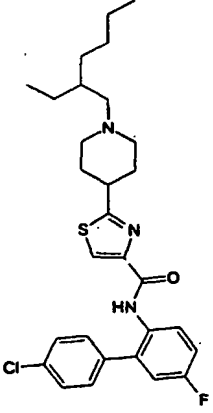
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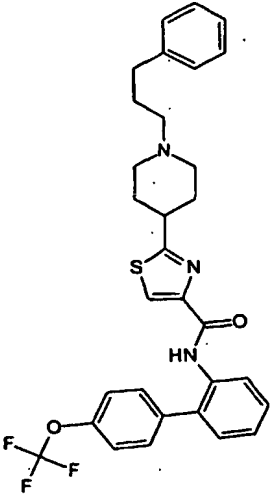
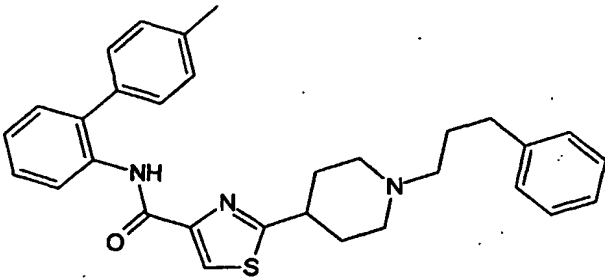
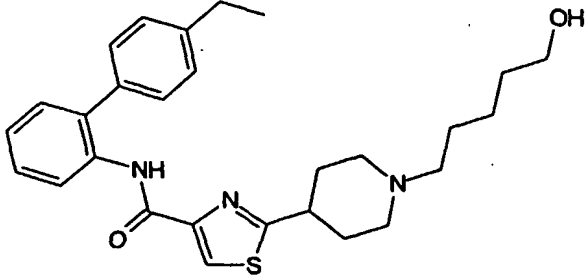
No.	FORMULA	NMR or mass
1225	 <p data-bbox="300 793 1201 856">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1226	 <p data-bbox="300 1333 1209 1396">N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1227	 <p data-bbox="300 1848 1193 1911">2-[1-(2-ethylhexyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

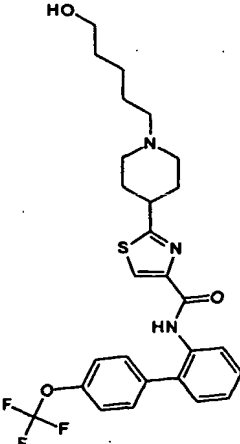
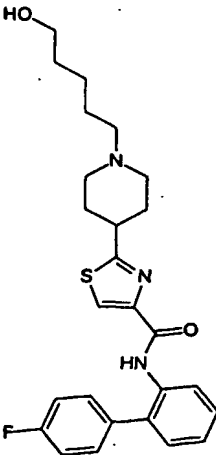
No.	FORMULA	NMR or mass
1228	 <p data-bbox="298 877 1170 932">2-[1-(2-ethylhexyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1229	 <p data-bbox="298 1434 1182 1488">N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-ethylhexyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1230		



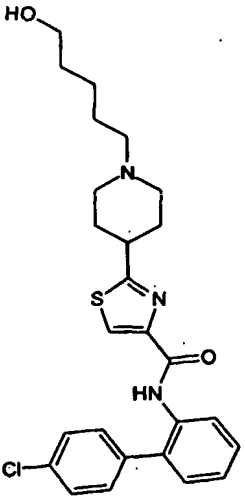
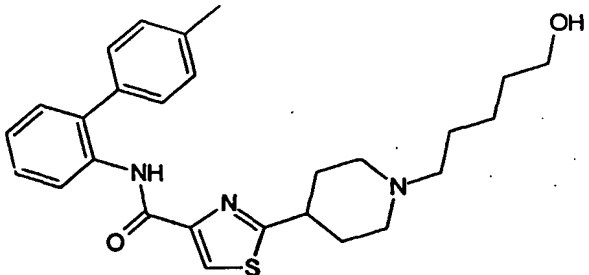
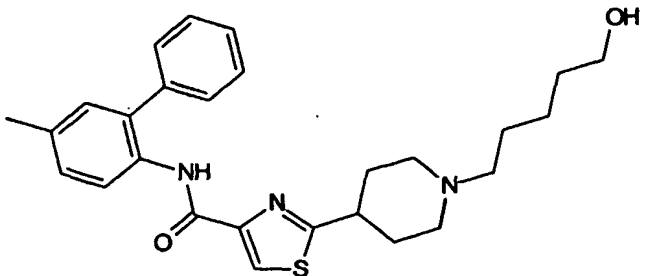
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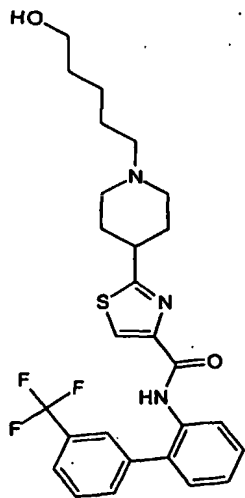
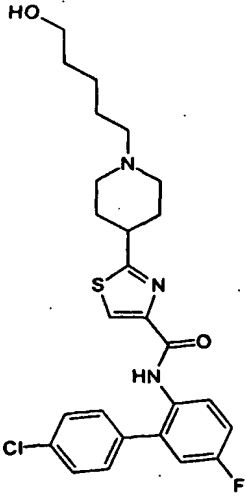
No.	FORMULA	NMR or mass
1231	 <p>2-[1-(2-ethylhexyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1232	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-ethylhexyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1233	 <p>2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1234		
1235		

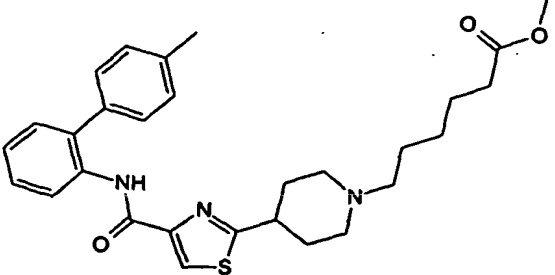
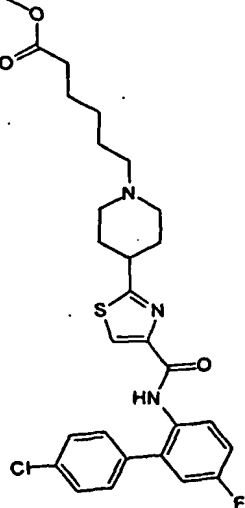
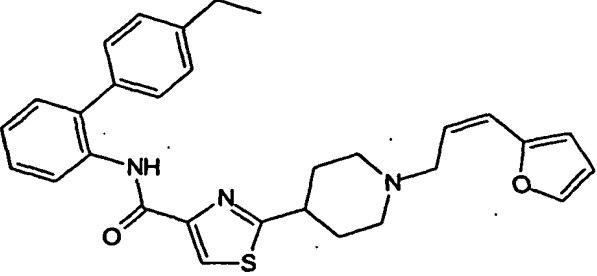
No.	FORMULA	NMR or mass
1236	 <p data-bbox="297 871 1185 930">2-[1-(5-hydroxypentyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1237	 <p data-bbox="297 1459 1193 1518">N-(4'-fluorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

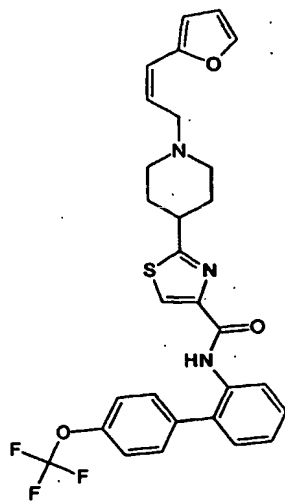
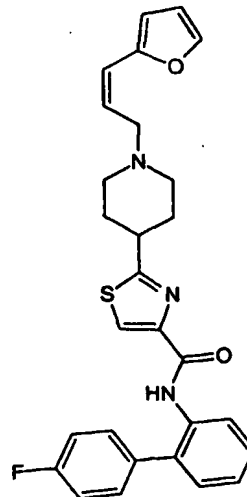
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No.	FORMULA	NMR or mass
1238	 <p data-bbox="300 924 1209 976">N-(4'-chlorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1239		
1240		

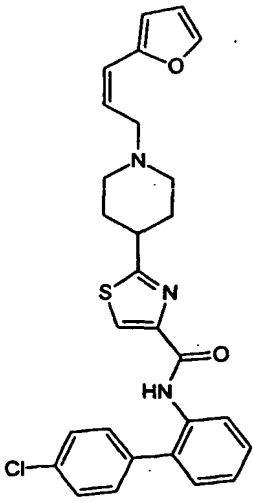
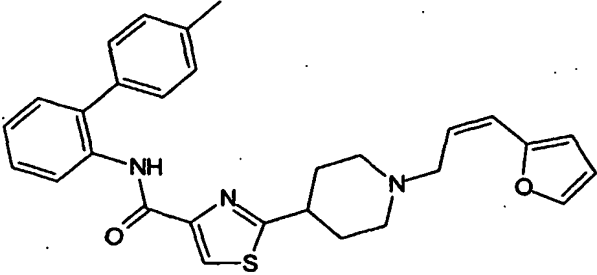
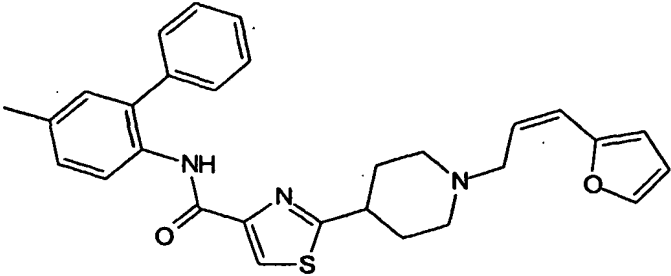
No.	FORMULA	NMR or mass
1241	 <p data-bbox="292 924 1209 987">2-[1-(5-hydroxypentyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1242	 <p data-bbox="292 1543 1209 1606">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1243		
1244	 <p data-bbox="284 1270 1201 1333">methyl 6-[4-(4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]hexanoate</p>	
1245		

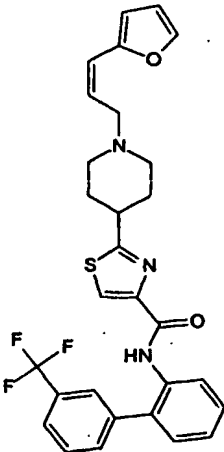
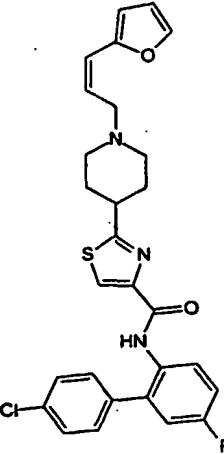
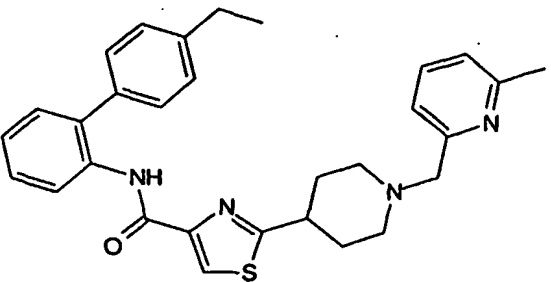
No.	FORMULA	NMR or mass
1246	 <p>2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1247	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

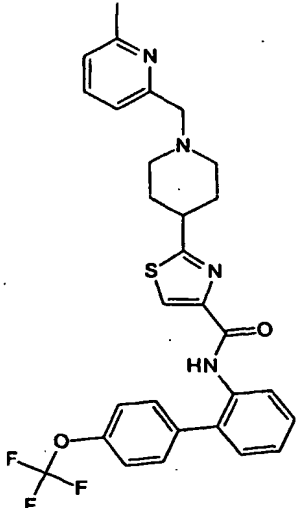
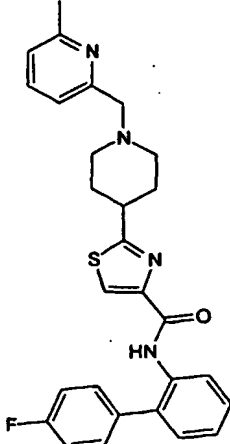
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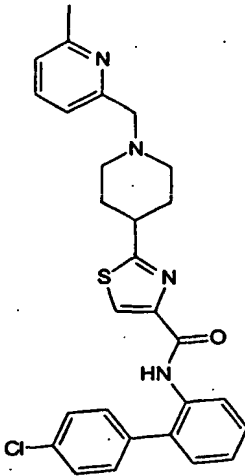
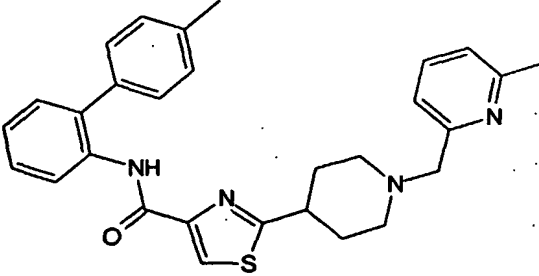
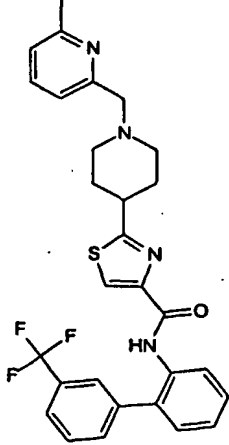
No.	FORMULA	NMR or mass
1248	 <p data-bbox="293 953 1208 1014">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1249		
1250		

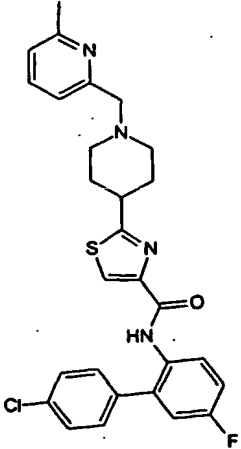
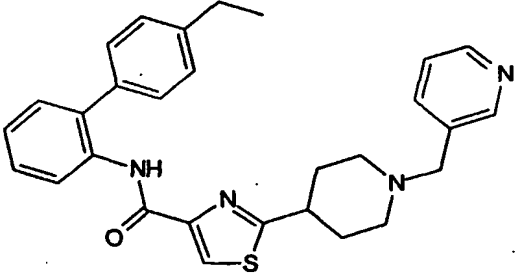
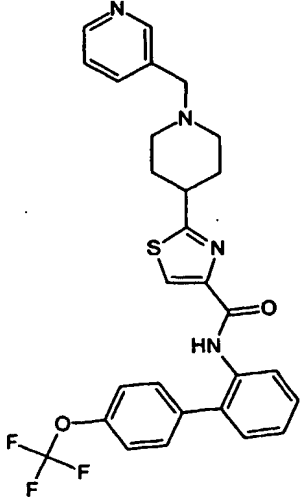


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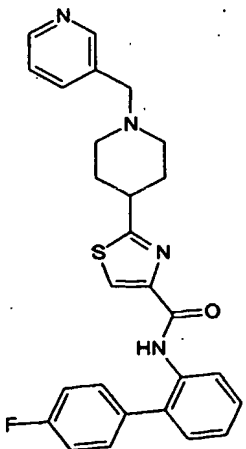
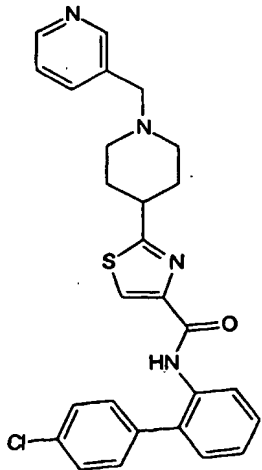
No.	FORMULA	NMR or mass
1251	 <p data-bbox="300 888 1161 947">2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1252	 <p data-bbox="300 1501 1161 1560">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1253		

No.	FORMULA	NMR or mass
1254	 <p data-bbox="305 951 1177 1010">2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1255	 <p data-bbox="305 1543 1201 1602">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

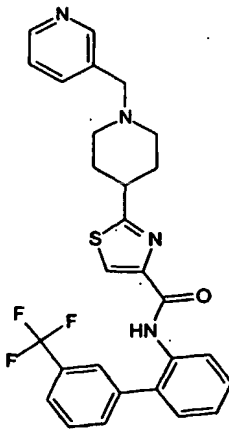
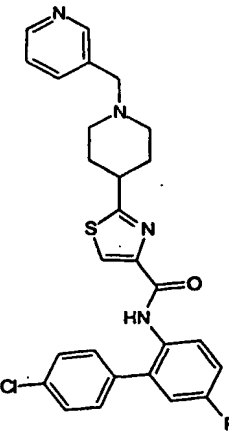
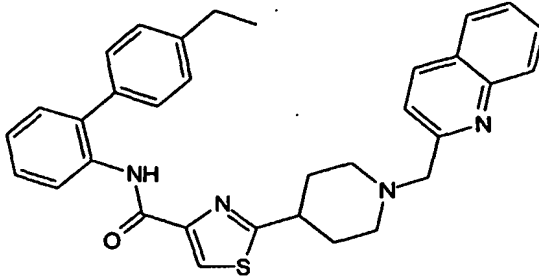
No.	FORMULA	NMR or mass
1256	 <p data-bbox="300 903 1201 955">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1257		
1258	 <p data-bbox="300 1816 1144 1869">2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1259	 <p data-bbox="300 877 1136 934">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1260		
1261	 <p data-bbox="305 1850 1218 1906">2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

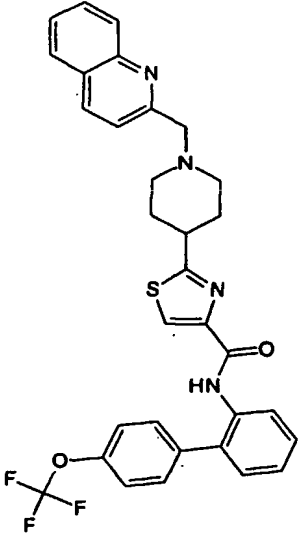
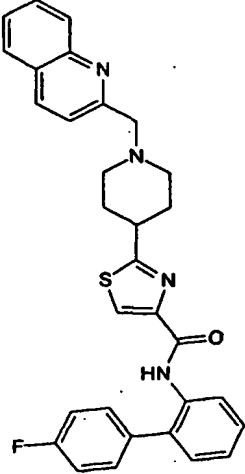
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No.	FORMULA	NMR or mass
1262	 <p data-bbox="300 877 1117 940">N-(4'-fluorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1263	 <p data-bbox="300 1461 1123 1524">N-(4'-chlorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

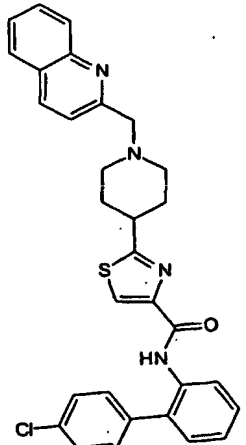
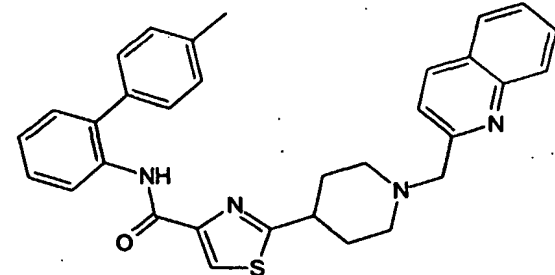
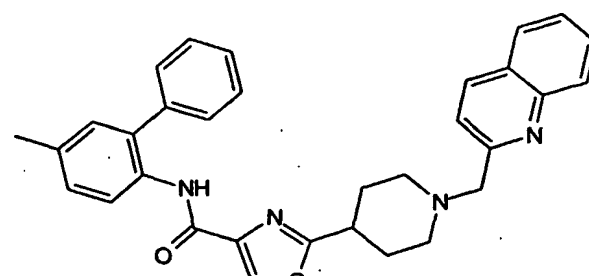
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No.	FORMULA	NMR or mass
1264	 <p>2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1265	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1266		

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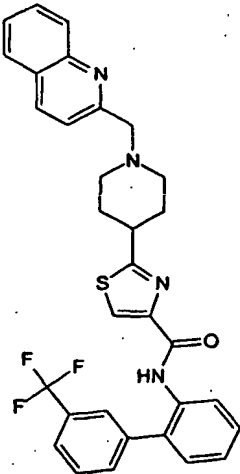
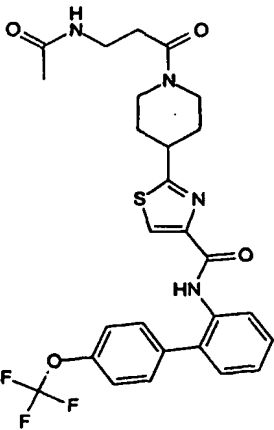
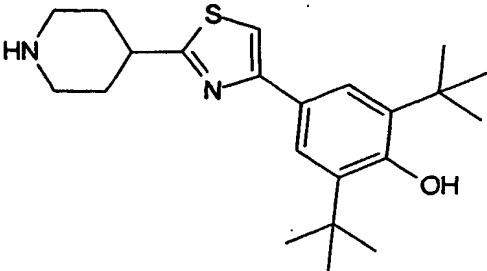
No.	FORMULA	NMR or mass
1267	 <p>2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1268	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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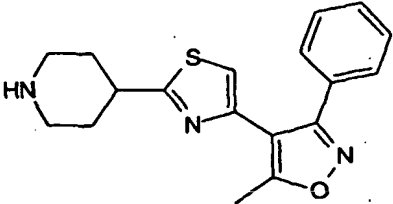
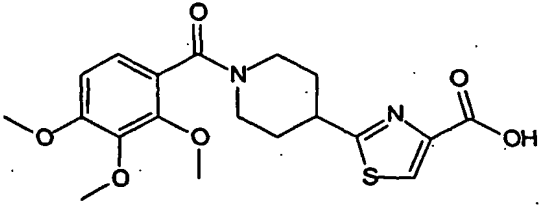
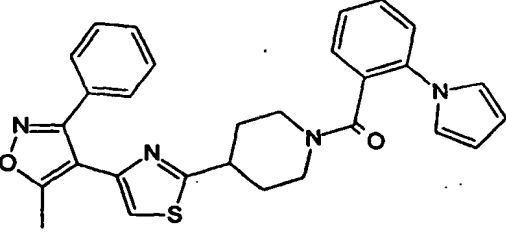
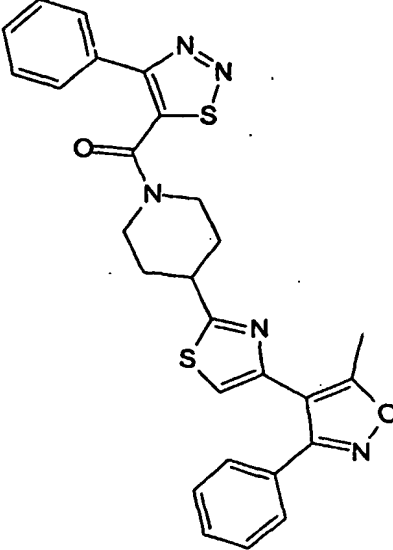
No.	FORMULA	NMR or mass
1269	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1270		
1271		



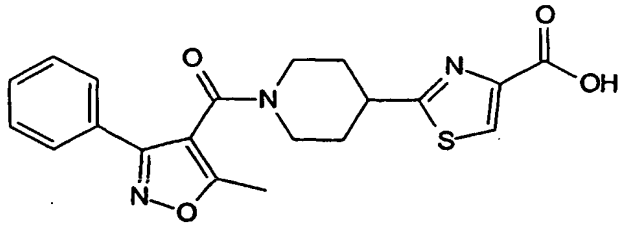
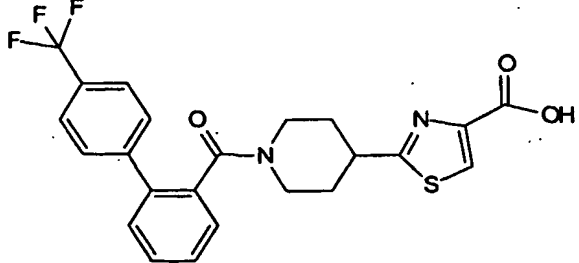
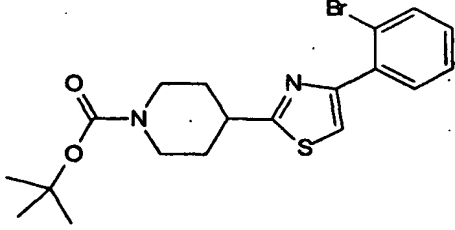
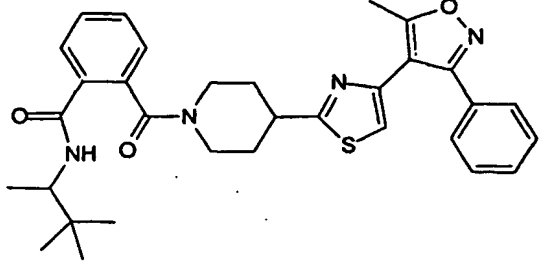
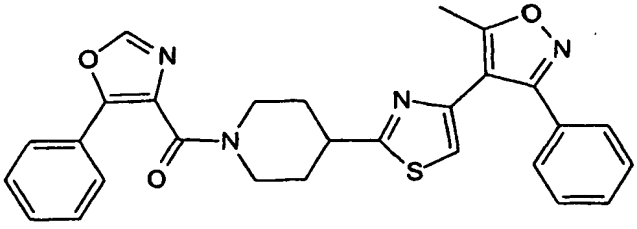
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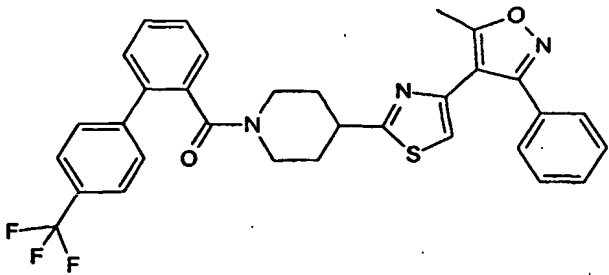
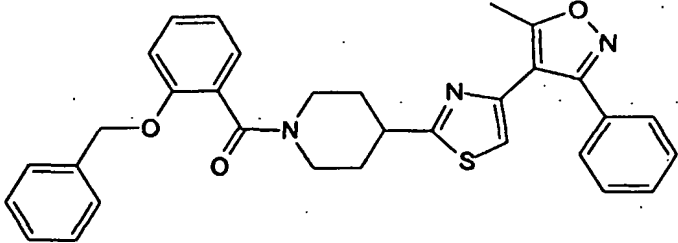
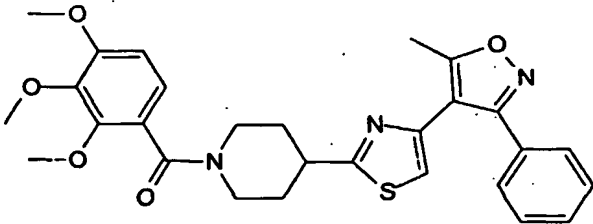
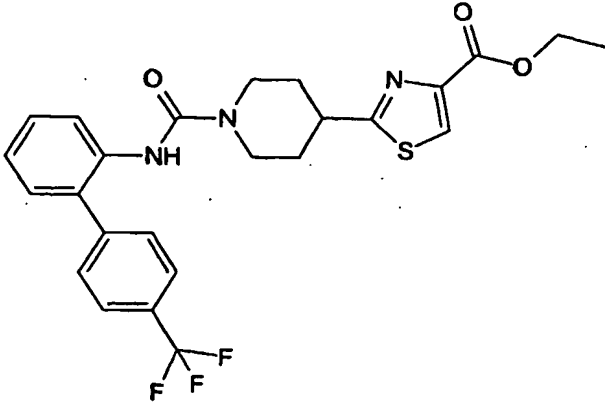
No.	FORMULA	NMR or mass
1272	 <p data-bbox="300 905 1203 961">2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1273	 <p data-bbox="300 1486 1203 1543">2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1274		

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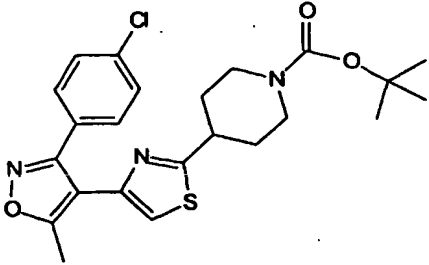
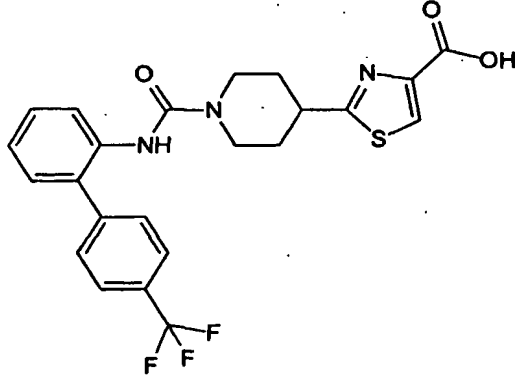
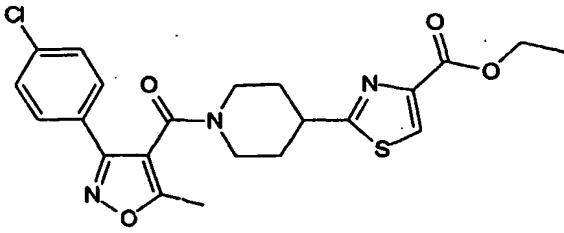
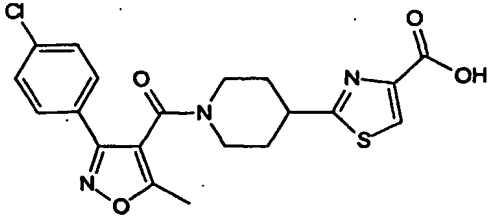
No.	FORMULA	NMR or mass
1275		
1276		
1277		
1278		

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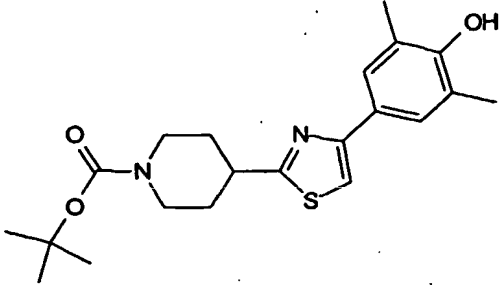
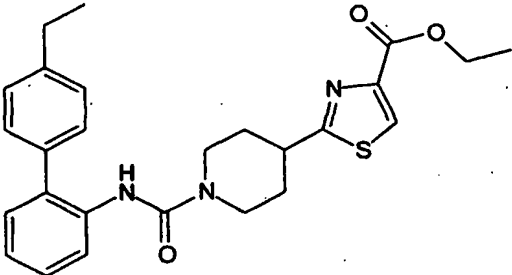
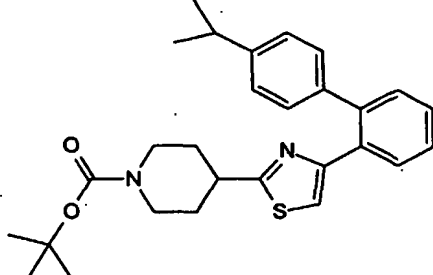
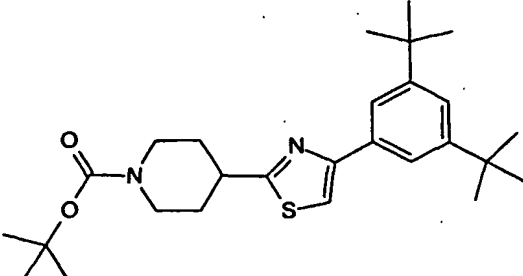
No.	FORMULA	NMR or mass
1279	 <chem>CC1=C(C(=O)N2CCCCC2c3cc(C(=O)O)nn3)c4nn(c4)c5ccccc5</chem>	
1280	 <chem>OC(=O)c1cc(C2=CC=CC=C2C(=O)c3cc(C(F)(F)F)ccc32)nn1C4CCCCC4C(=O)c5ccccc5</chem>	
1281	 <chem>CC(C)(C)OC(=O)N1CCCCC1c2cc(C3=CC=CC=C3Br)nn2</chem>	
1282	 <chem>CC(C)(C)C(=O)N1C(=O)c2cc(C(=O)N3CCCCC3c4cc(C5=C(C6=CC=CC=C6)ON=C5C7=CC=CC=C7)nn4)ccc21</chem>	
1283	 <chem>CC1=C(C(=O)N2CCCCC2C(=O)c3cc(C4=CC=CC=C4)nn3)c5cc(C6=CC=CC=C6)nn5</chem>	

No.	FORMULA	NMR or mass
1284		
1285		
1286		
1287		

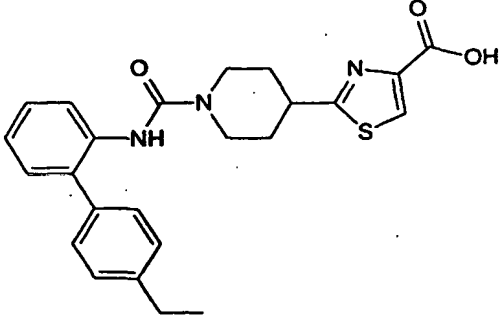
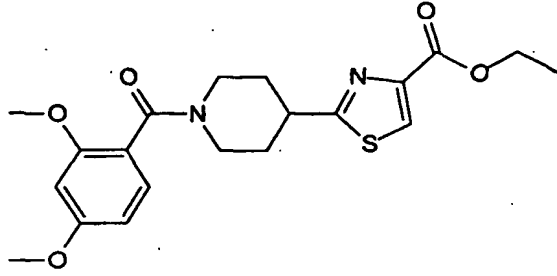
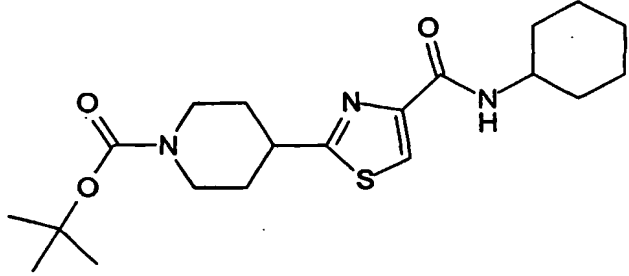
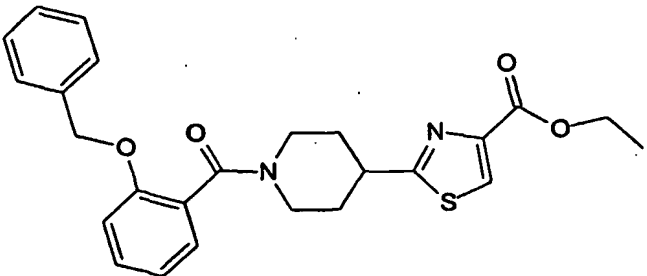
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No.	FORMULA	NMR or mass
1288	 <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc3cc(Cl)ccc3n2-c4nc5ccccc5n4</chem>	
1289	 <chem>OC(=O)c1cc2nc3ccccc3n2s1C4CCCCN4C(=O)Nc5cc(C(F)(F)F)ccc5</chem>	
1290	 <chem>CCOC(=O)c1cc2nc3cc(Cl)ccc3n2-c4nc5ccccc5n4C(=O)N6CCCCC6</chem>	
1291	 <chem>OC(=O)c1cc2nc3cc(Cl)ccc3n2-c4nc5ccccc5n4C(=O)N6CCCCC6</chem>	

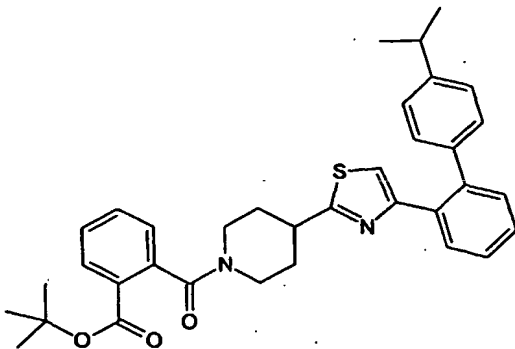
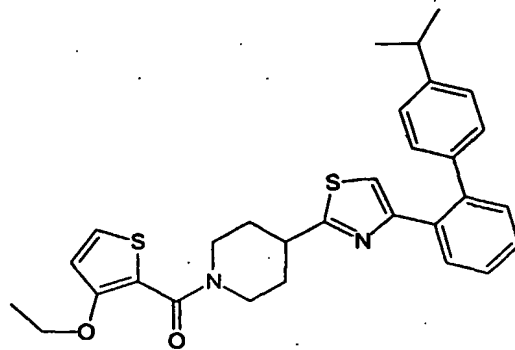
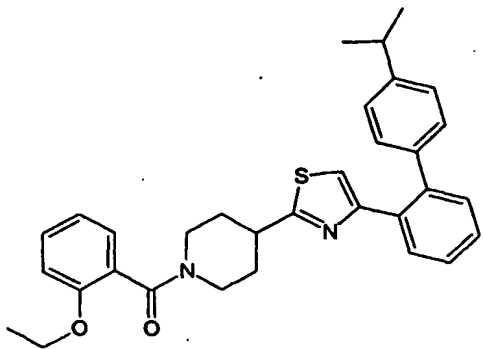
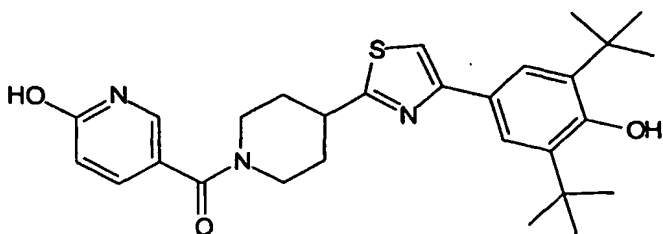
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No.	FORMULA	NMR or mass
1292		
1293		
1294		
1295		

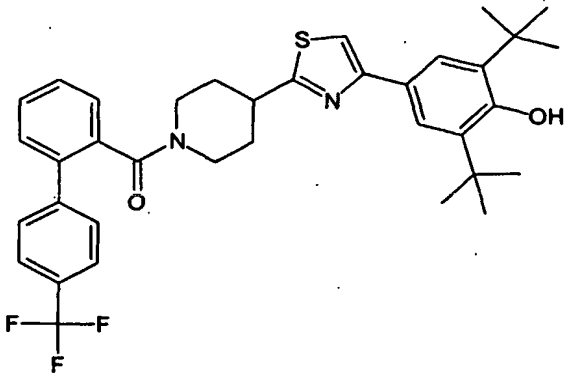
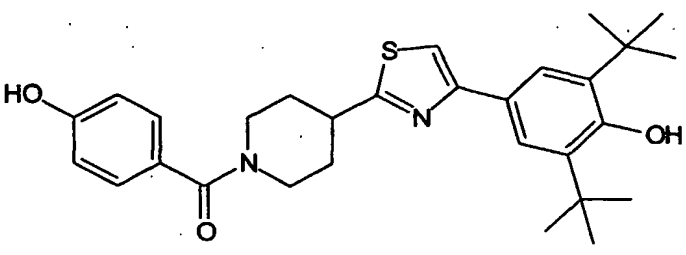
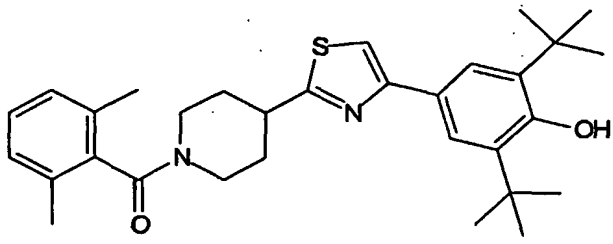
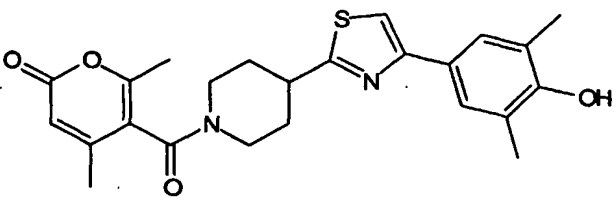
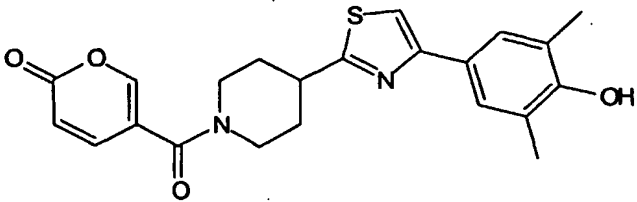
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No.	FORMULA	NMR or mass
1296		
1297		
1298		
1299		

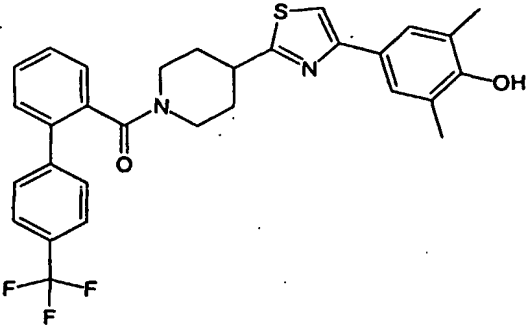
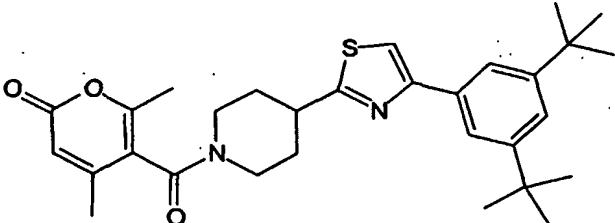
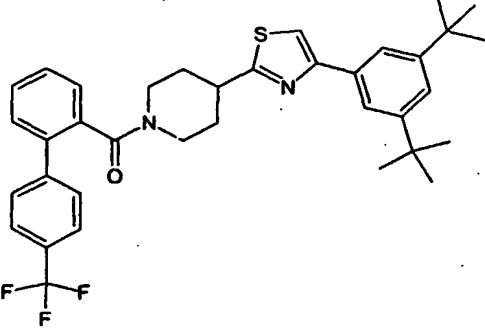
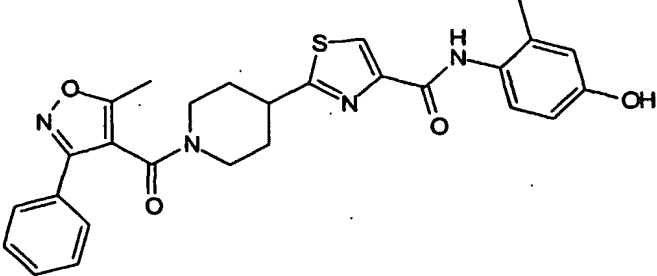
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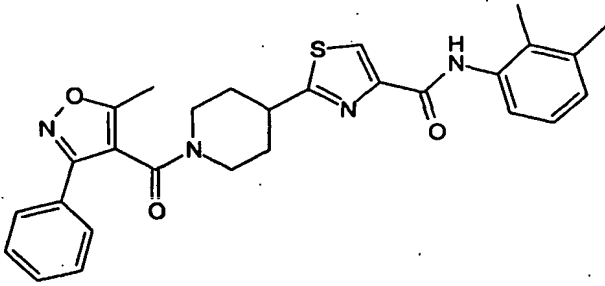
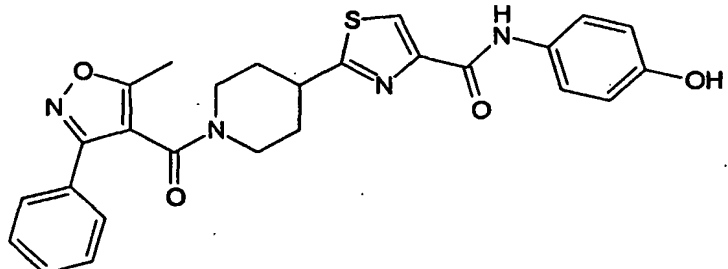
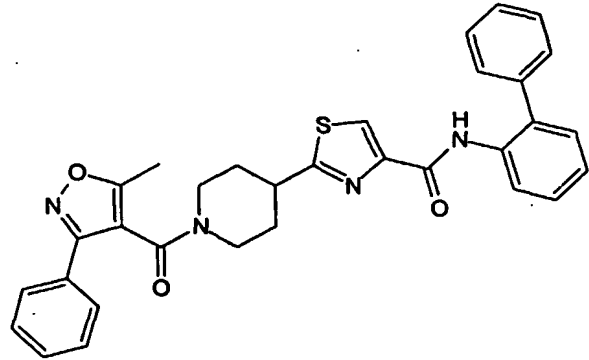
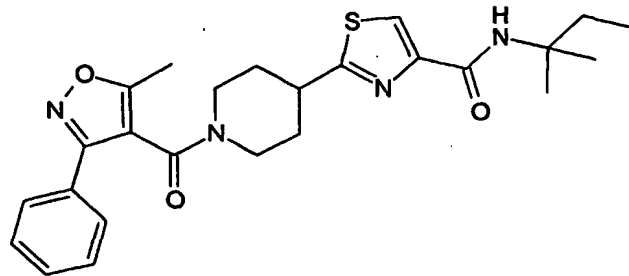
No.	FORMULA	NMR or mass
1300	 <chem>CC(C)c1ccc(cc1)-c2cc3c(cc2)nc(C4CCN(CC4)C(=O)c5ccccc5C(=O)OC(C)(C)C)s3</chem>	
1301	 <chem>CCOC1=CC=C(S1)C(=O)N2CCN(CC2)C3=NC4=C(S3)C5=CC=CC=C5C6=CC=C(C=C6)C(C)C</chem>	
1302	 <chem>CCOC1=CC=C(C=C1)C(=O)N2CCN(CC2)C3=NC4=C(S3)C5=CC=CC=C5C6=CC=C(C=C6)C(C)C</chem>	
1303	 <chem>CC(C)(C)c1cc(C(C)(C)C)c(C(C)(C)C)cc1-c2cc3c(cc2)nc(C4CCN(CC4)C(=O)c5ccc(O)c5n5)s3</chem>	



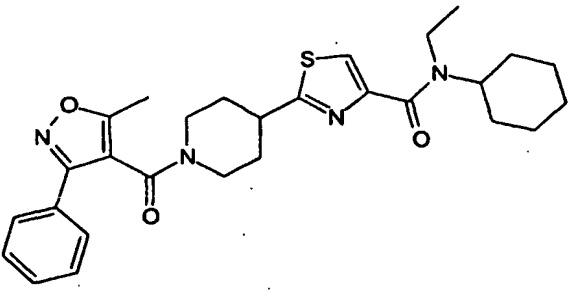
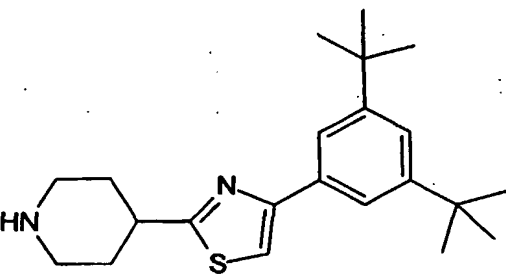
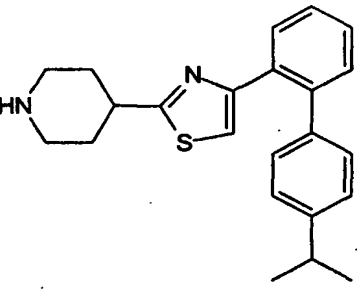
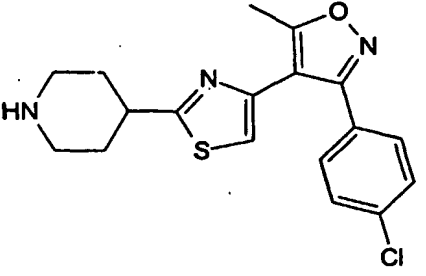
No.	FORMULA	NMR or mass
1304		
1305		
1306		
1307		
1308		

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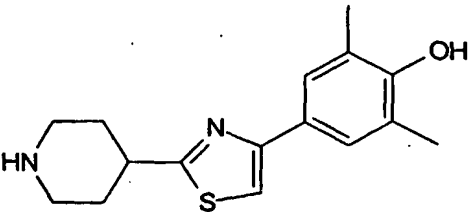
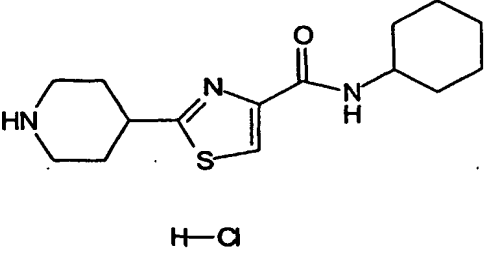
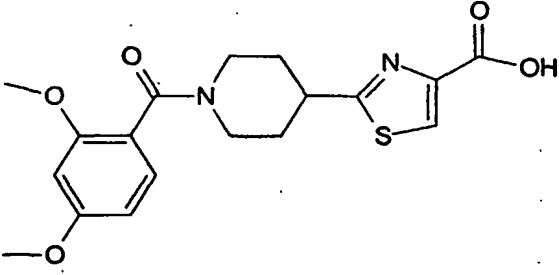
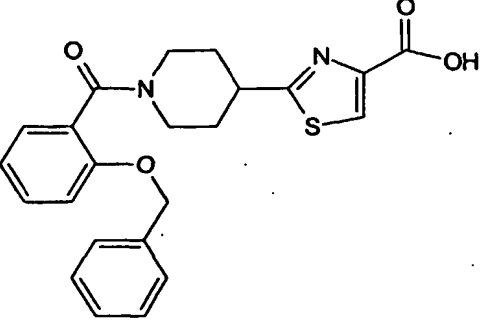
No.	FORMULA	NMR or mass
1309		
1310		
1311		
1312		

No.	FORMULA	NMR or mass
1313	 <chem>CC1=C(C(=O)N2C=CC(=C2)C1=O)c3ccccc3N2C(=O)N3CCCCC3c4nc(C(=O)Nc5cc(C)c(C)cc5)s4</chem>	
1314	 <chem>CC1=C(C(=O)N2C=CC(=C2)C1=O)c3ccccc3N2C(=O)N4CCCCC4c5nc(C(=O)Nc6ccc(O)cc6)s5</chem>	
1315	 <chem>CC1=C(C(=O)N2C=CC(=C2)C1=O)c3ccccc3N2C(=O)N4CCCCC4c5nc(C(=O)Nc6ccccc6c7ccccc7)s5</chem>	
1316	 <chem>CC1=C(C(=O)N2C=CC(=C2)C1=O)c3ccccc3N2C(=O)N4CCCCC4c5nc(C(=O)Nc6cc(C)(C)C)c5</chem>	

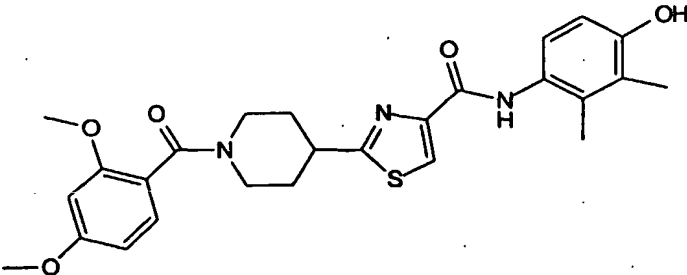
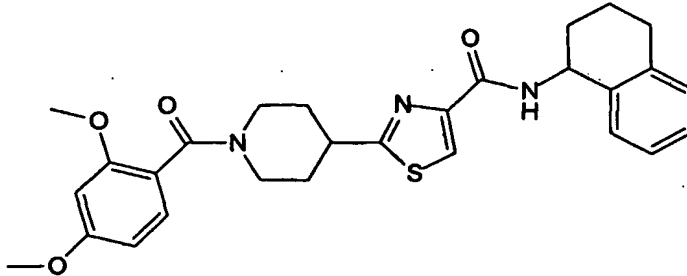
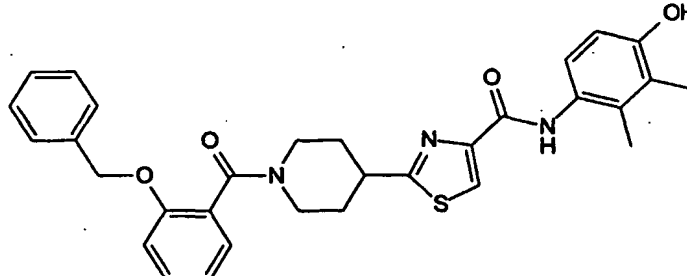
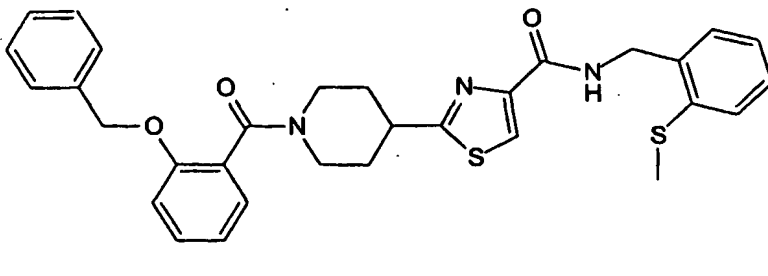
- 488 -

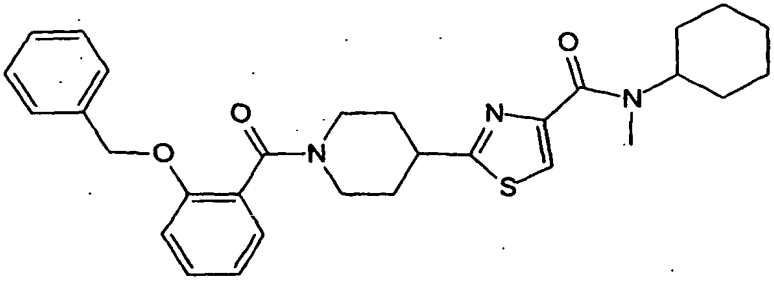
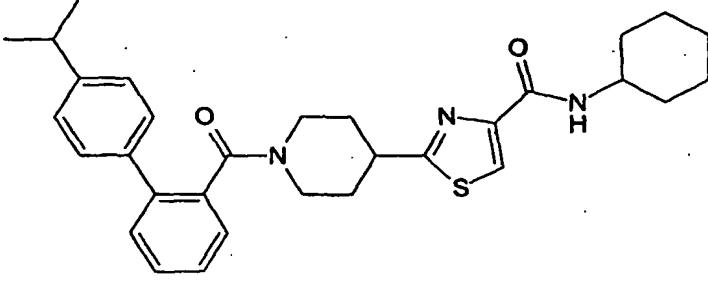
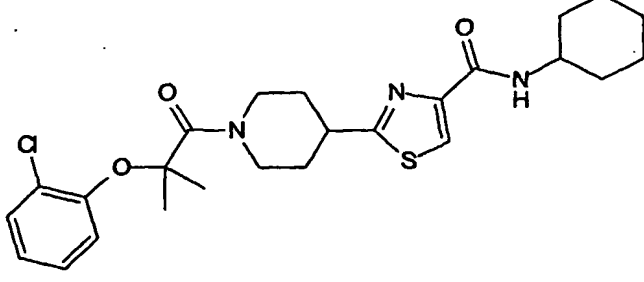
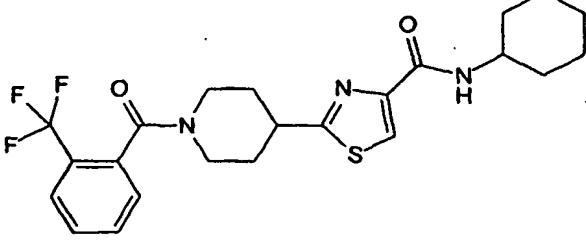
No.	FORMULA	NMR or mass
1317		
1318		
1319		
1320		

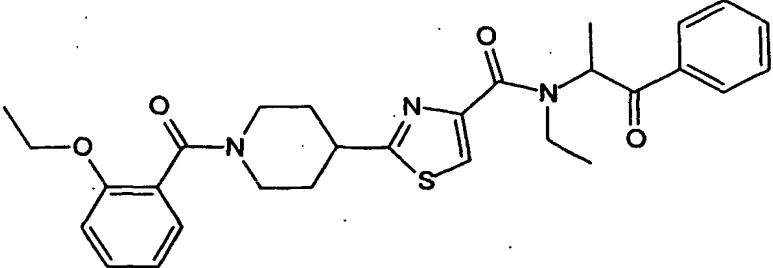
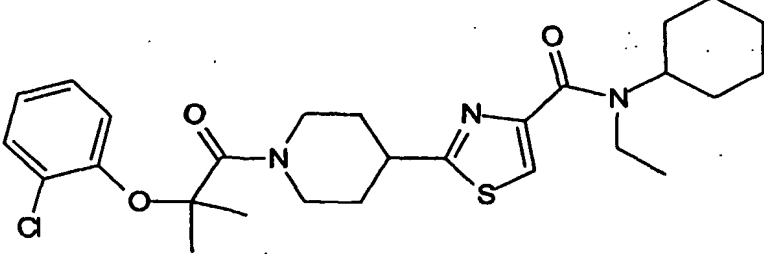
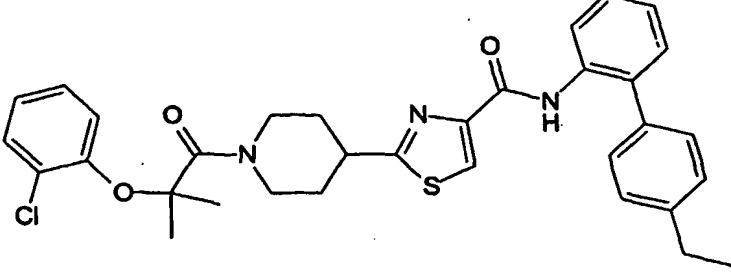
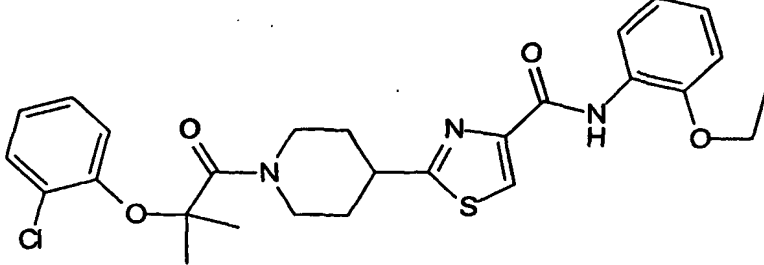
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No.	FORMULA	NMR or mass
1321		
1322	 H-Cl	
1323		
1324		

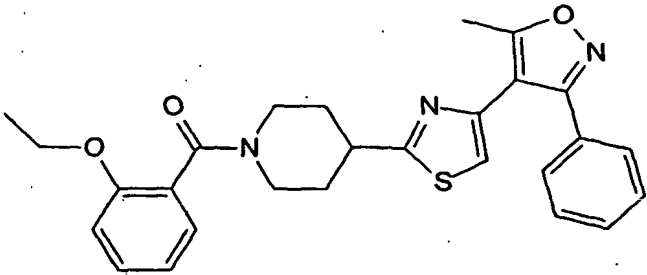
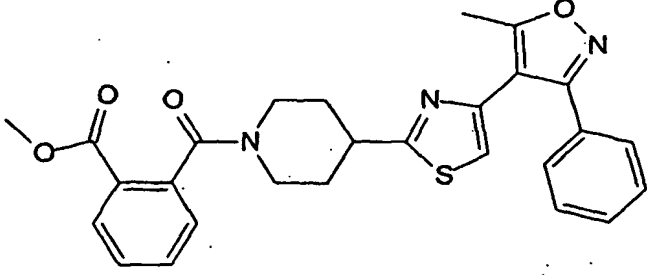
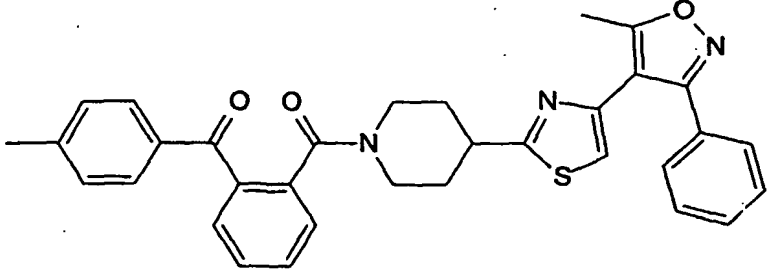
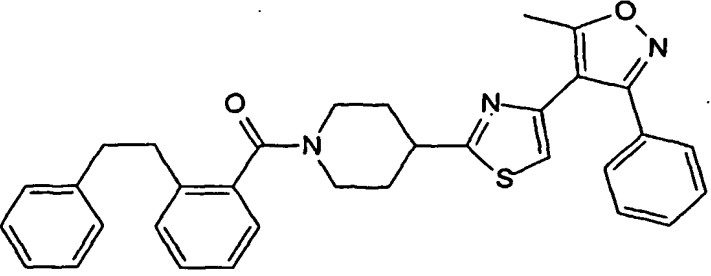
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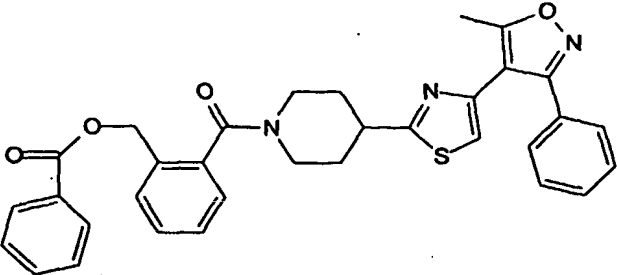
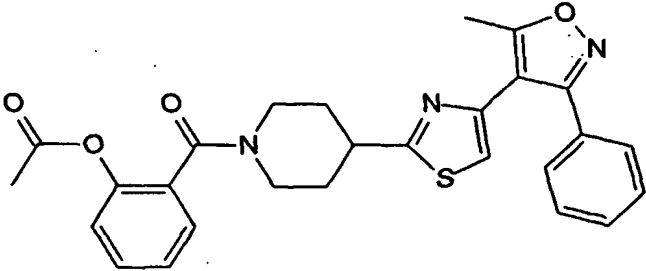
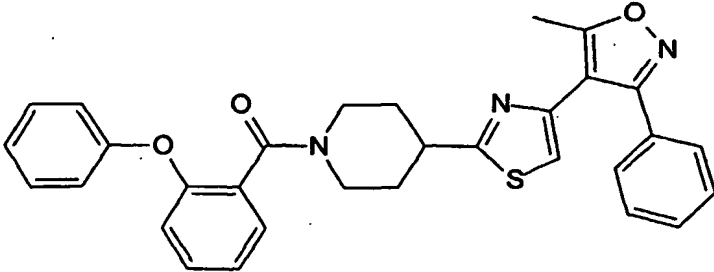
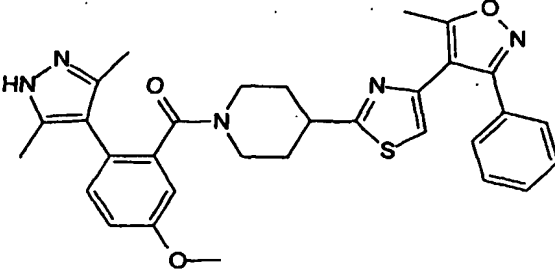
No.	FORMULA	NMR or mass
1325	 <chem>COc1cc(OC)c(OC)cc1C(=O)N2CCCCC2c3nc(C(=O)Nc4cc(C)c(C)cc4)s3</chem>	
1326	 <chem>COc1cc(OC)c(OC)cc1C(=O)N2CCCCC2c3nc(C(=O)Nc4c5ccccc5c6ccccc46)s3</chem>	
1327	 <chem>COc1ccccc1C(=O)N2CCCCC2c3nc(C(=O)Nc4cc(C)c(C)cc4)s3</chem>	
1328	 <chem>COc1ccccc1C(=O)N2CCCCC2c3nc(C(=O)NCCc4ccccc4S)c3</chem>	

No.	FORMULA	NMR or mass
1329	 <chem>CC1(CCC1)C(=O)NCC2=CC=CC=C2C3=CC=CC=C3OCC4=CC=CC=C4C5=CC=CC=C5C(=O)N6CCCCC6C7=CC=CC=C7C8=CC=CC=C8C(=O)N9CCCCC9</chem>	
1330	 <chem>CC(C)C1=CC=C(C=C1C2=CC=CC=C2C(=O)N3CCCCC3C4=CC=CC=C4C5=CC=CC=C5C(=O)N6CCCCC6C7=CC=CC=C7C8=CC=CC=C8C(=O)N9CCCCC9)C=C1</chem>	
1331	 <chem>CC(C)(C)C(=O)N1CCCCC1C2=CC=CC=C2C3=CC=CC=C3C(=O)N4CCCCC4C5=CC=CC=C5C(=O)N6CCCCC6C7=CC=CC=C7C(=O)N8CCCCC8</chem>	
1332	 <chem>FC(F)(F)C1=CC=CC=C1C(=O)N2CCCCC2C3=CC=CC=C3C4=CC=CC=C4C(=O)N5CCCCC5C6=CC=CC=C6C(=O)N7CCCCC7</chem>	

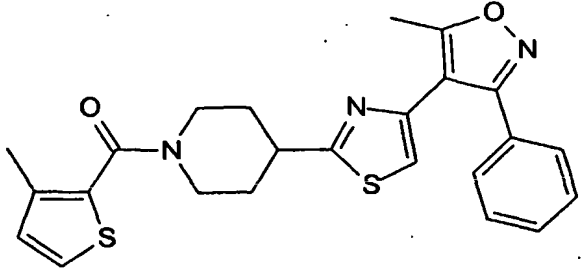
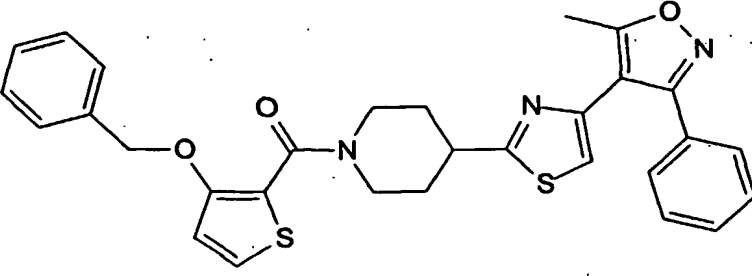
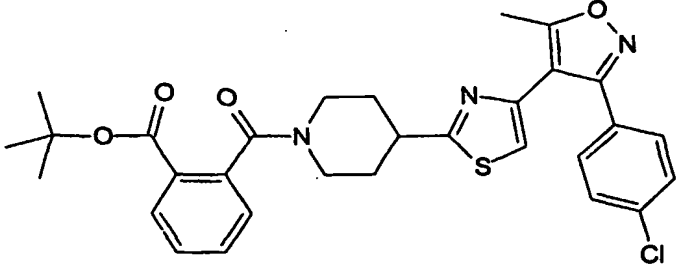
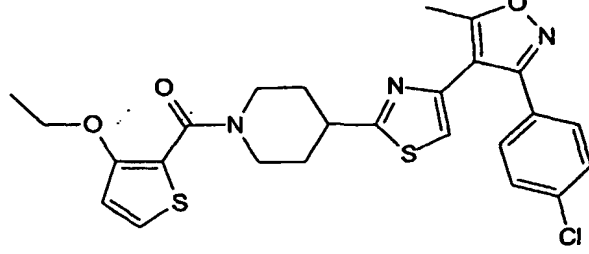
No.	FORMULA	NMR or mass
1333		
1334		
1335		
1336		



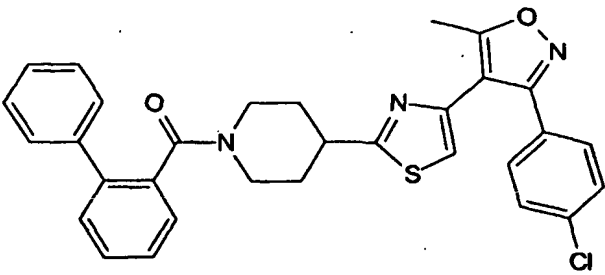
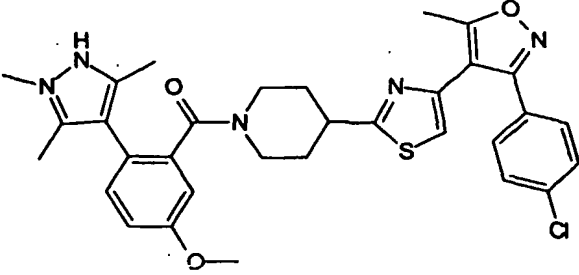
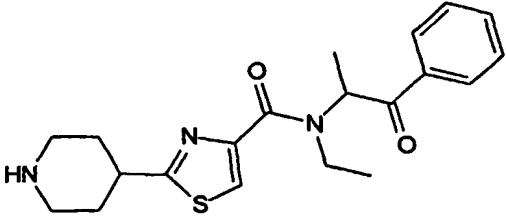
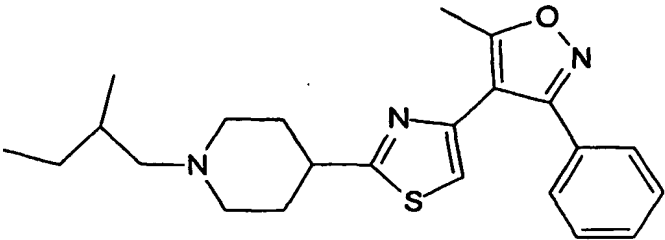
No.	FORMULA	NMR or mass
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1338		
1339		
1340		

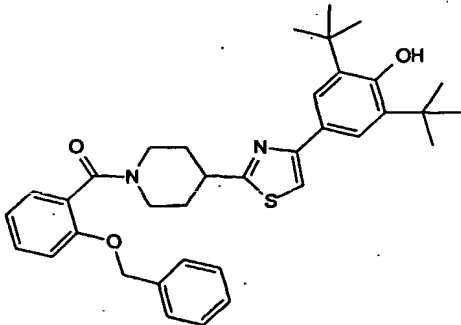
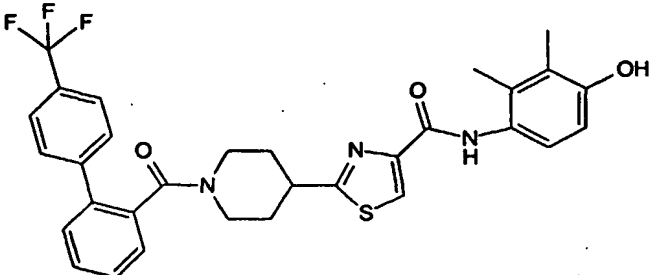
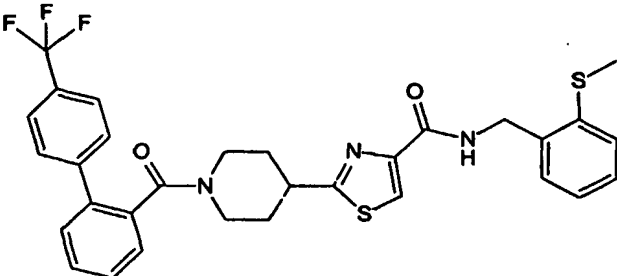
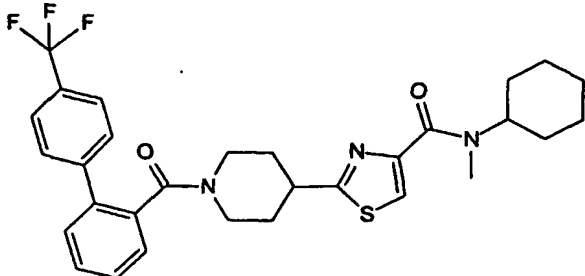
No.	FORMULA	NMR or mass
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1342		
1343		
1344		

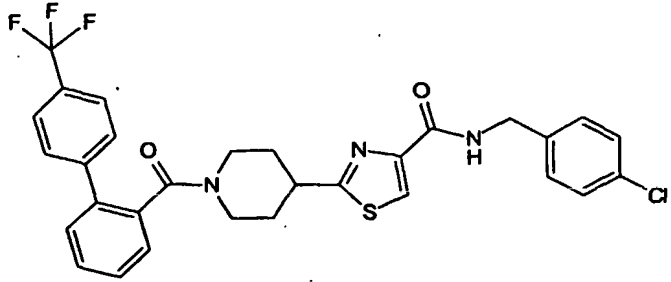
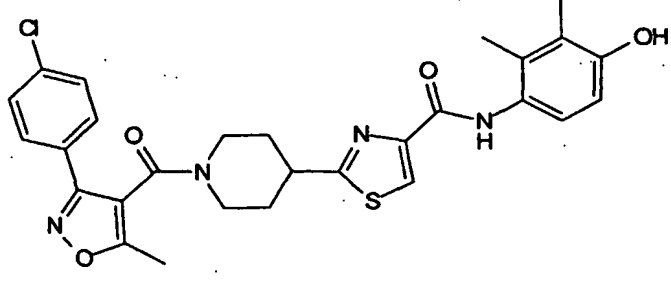
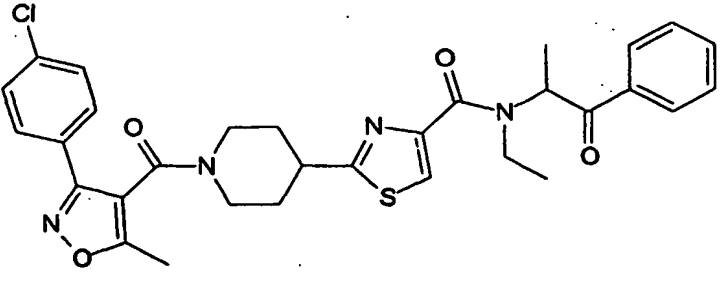
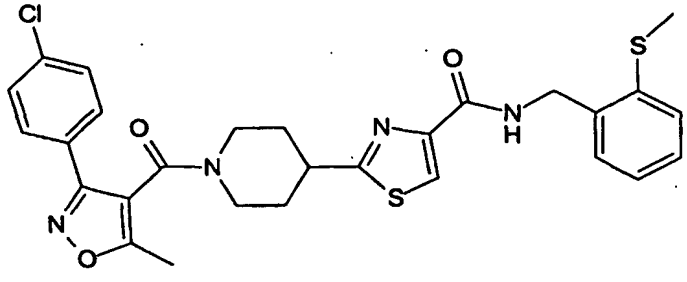
- 495 -

No.	FORMULA	NMR or mass
1345		
1346		
1347		
1348		

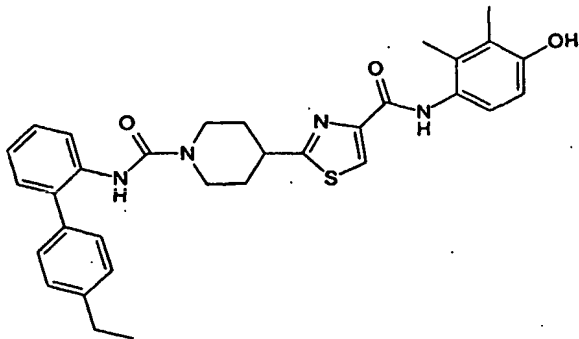
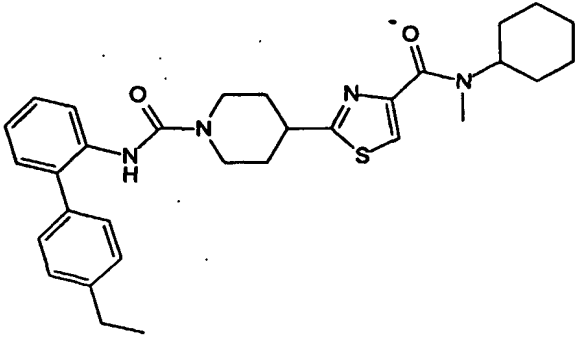
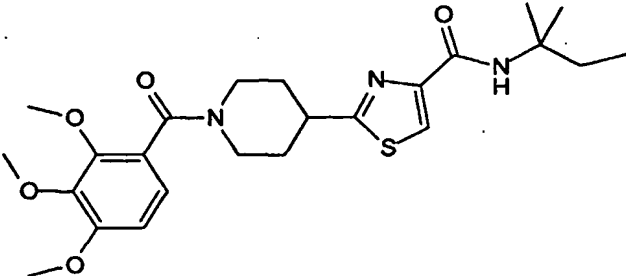
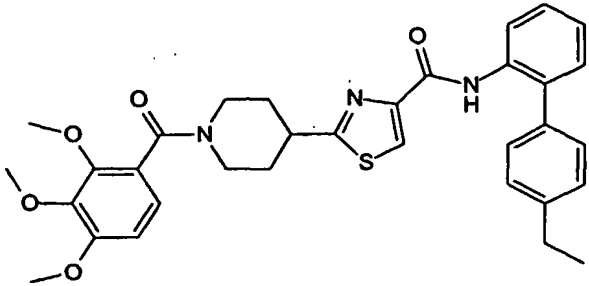
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No.	FORMULA	NMR or mass
1349		
1350		
1351	 H-Cl	
1352		

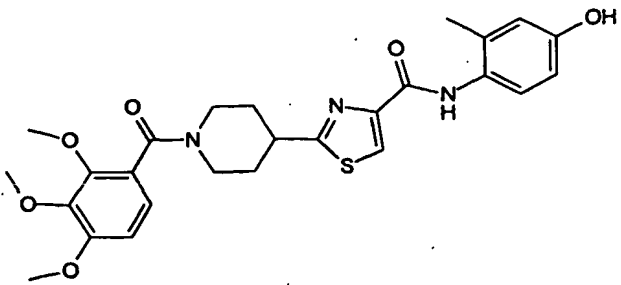
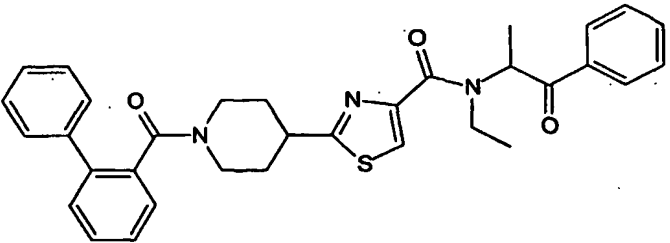
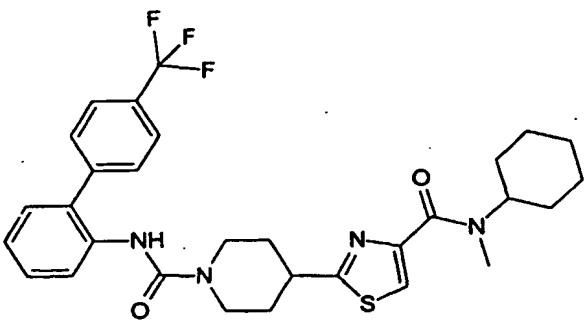
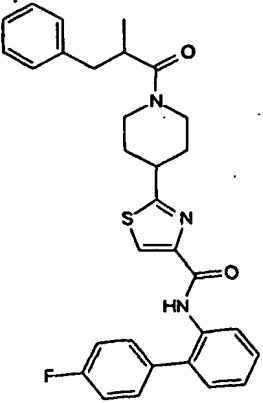
No.	FORMULA	NMR or mass
1353	 <p data-bbox="297 751 1159 814">4-(2-{1-[2-(benzyloxy)benzoyl]piperidin-4-yl}-1,3-thiazol-4-yl)-2,6-di-tert-butylphenol</p>	
1354		
1355		
1356		

No.	FORMULA	NMR or mass
1357		
1358		
1359		
1360		

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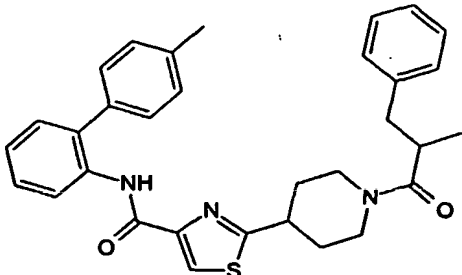
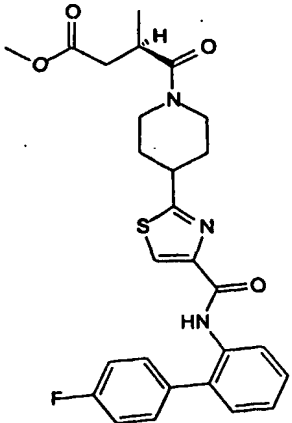
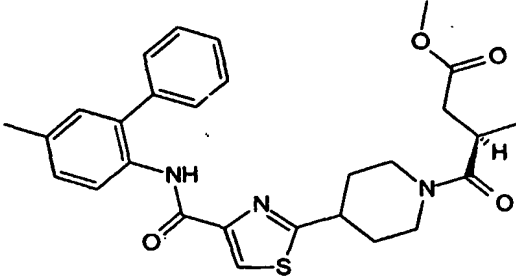
No.	FORMULA	NMR or mass
1361		
1362		
1363		
1364		

- 500 -

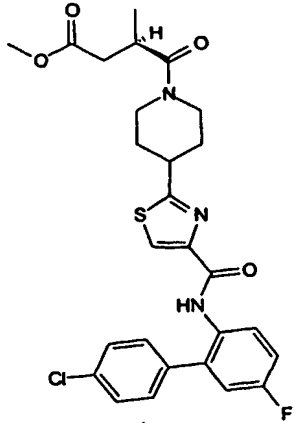
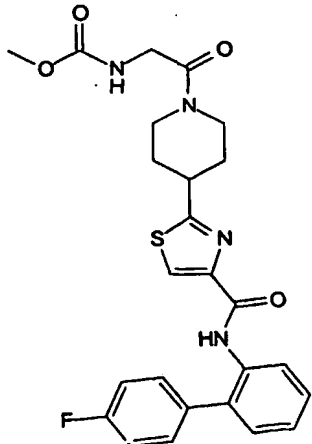
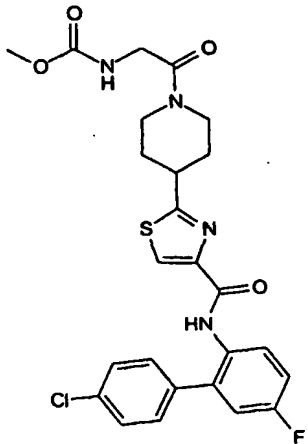
No.	FORMULA	NMR or mass
1365		
1366		
1367		
1368	 <p data-bbox="308 1848 1209 1911">N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	



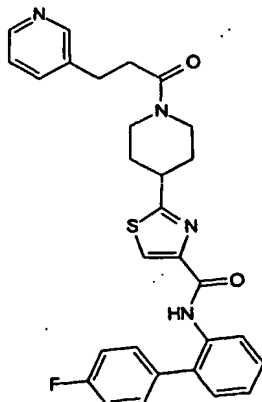
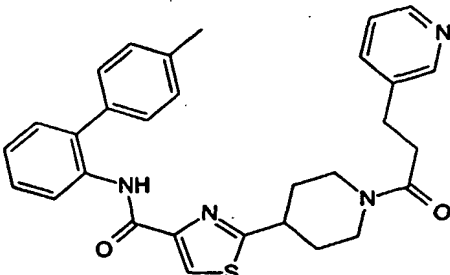
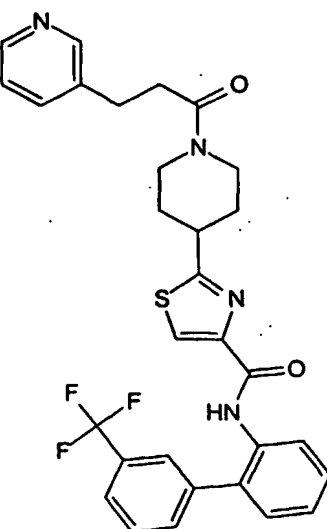
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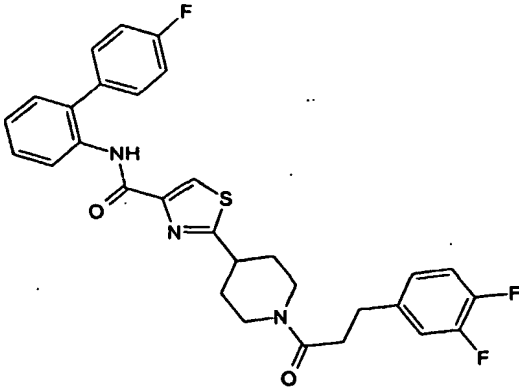
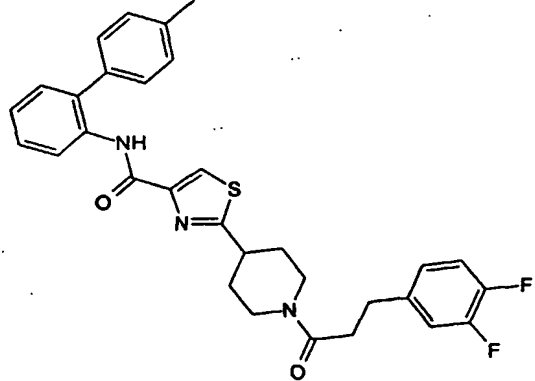
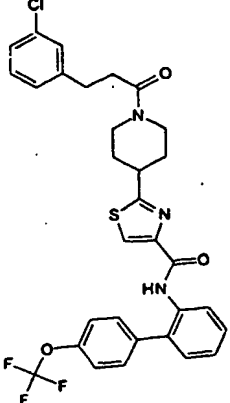
No.	FORMULA	NMR or mass
1369		
1370	 <p data-bbox="300 1165 1193 1228">methyl (3R)-4-[4-(4-[[[4'-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl]-3-methyl-4-oxobutanoate</p>	
1371		

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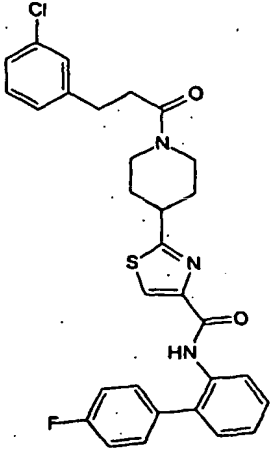
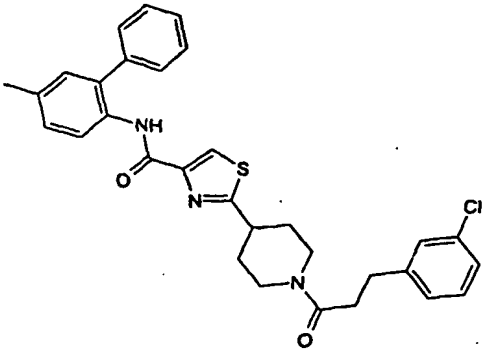
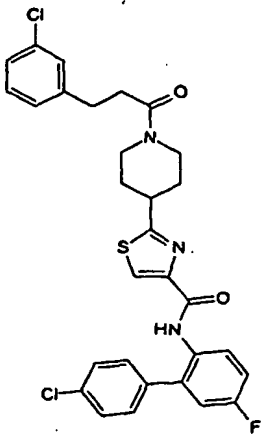
No.	FORMULA	NMR or mass
1372	 <p>methyl (3R)-4-[4-(4-[[[4'-chloro-5-fluorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl]-3-methyl-4-oxobutanoate</p>	
1373		
1374		

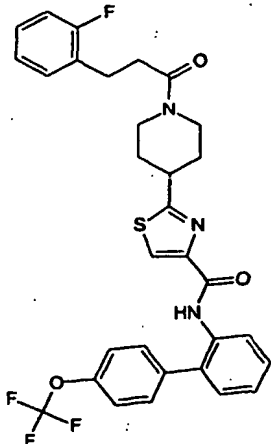
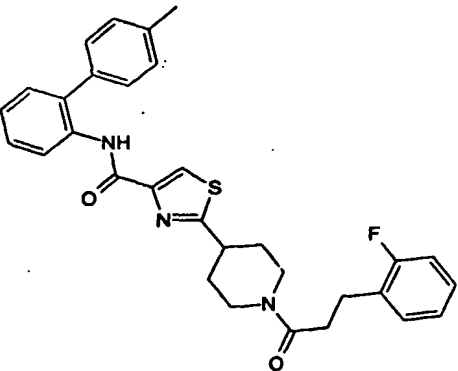
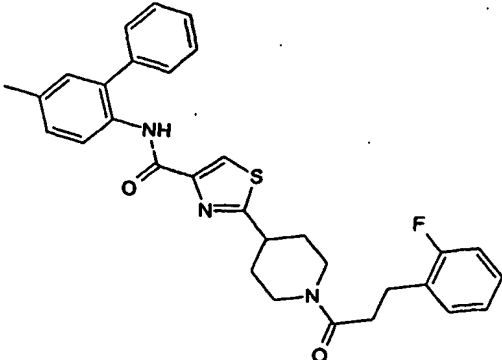
- 503 -

No.	FORMULA	NMR or mass
1375	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1376		
1377		

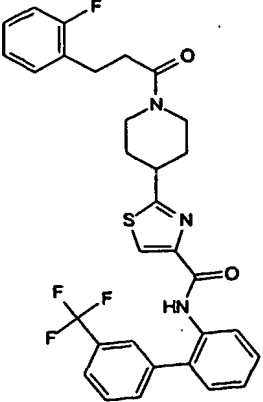
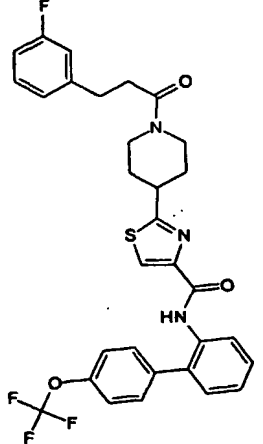
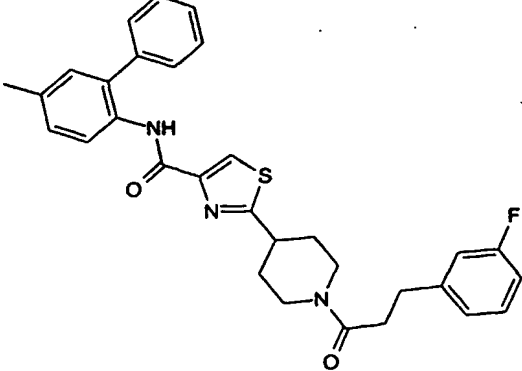
No.	FORMULA	NMR or mass
1378	 <p data-bbox="300 821 1214 877">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1379	 <p data-bbox="300 1312 1214 1369">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1380	 <p data-bbox="300 1850 1214 1906">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

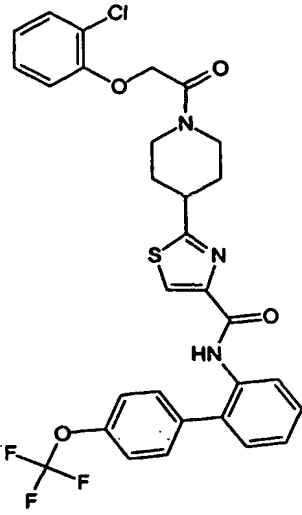
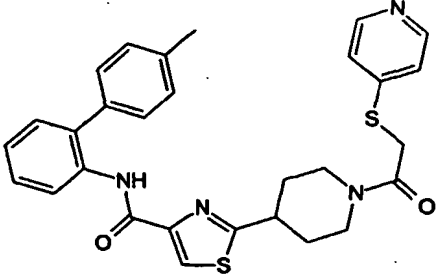
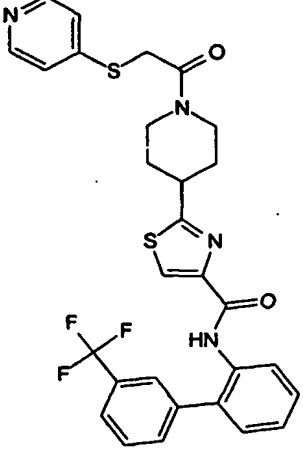
- 505 -

No.	FORMULA	NMR or mass
1381	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1382	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1383	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1384	 <p data-bbox="302 867 1170 930">2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1385	 <p data-bbox="302 1381 1203 1444">2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1386	 <p data-bbox="302 1854 1198 1917">2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

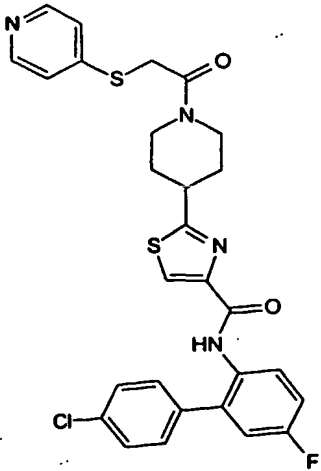
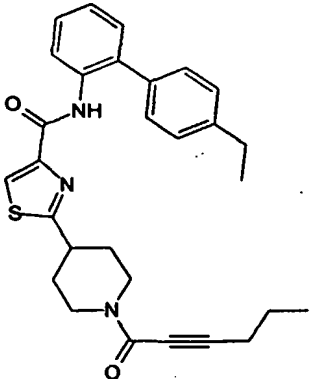
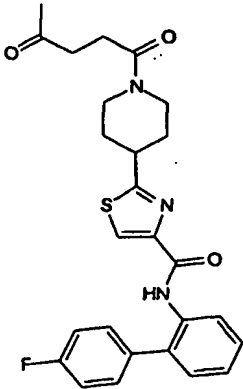
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No.	FORMULA	NMR or mass
1387	 <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1388	 <p>2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1389	 <p>2-{1-[3-(4-fluorophenyl)propanoyl]piperidin-4-yl}-N-[2-(4-methylphenyl)-1,3-thiazole-4-carboxamide]</p>	

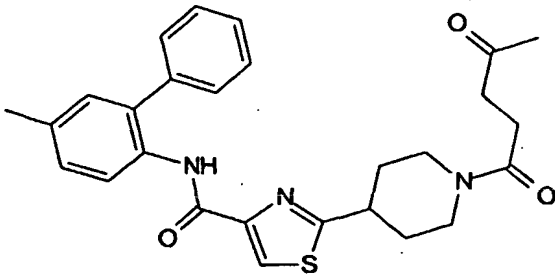
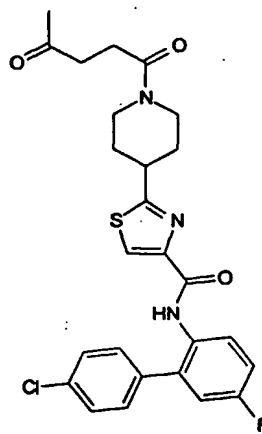
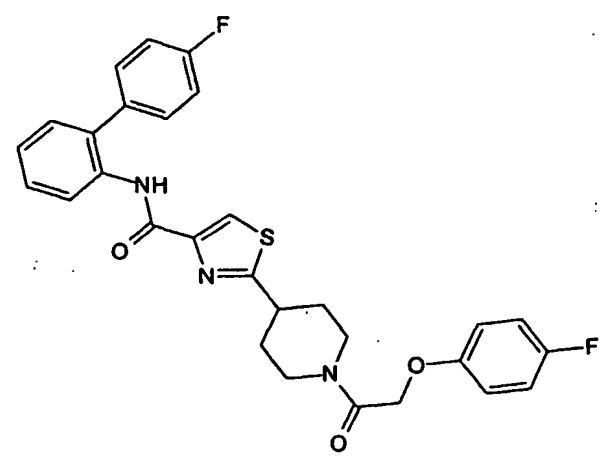
No.	FORMULA	NMR or mass
1390	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1391		
1392		



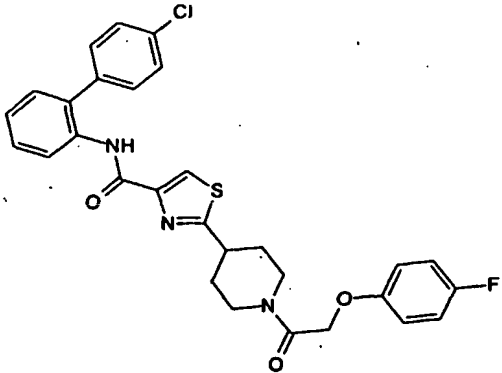
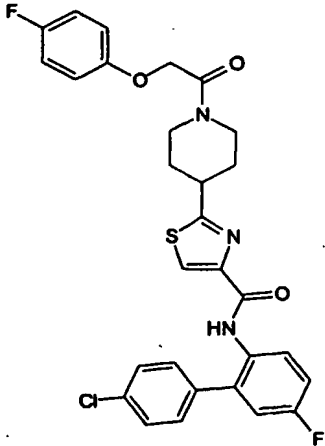
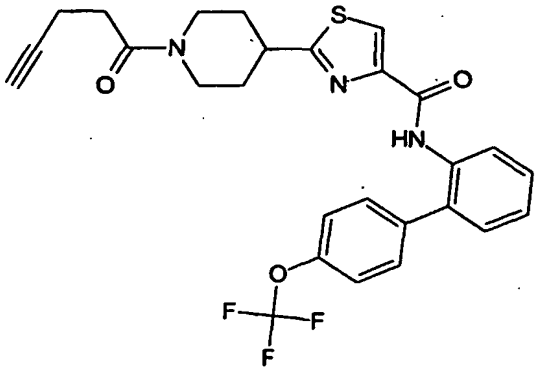
- 509 -

No.	FORMULA	NMR or mass
1393	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1394	 <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1395	 <p>N-(4-fluorobiphenyl-2-yl)-2-{1-[4-(4-oxopentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamido}piperidine</p>	

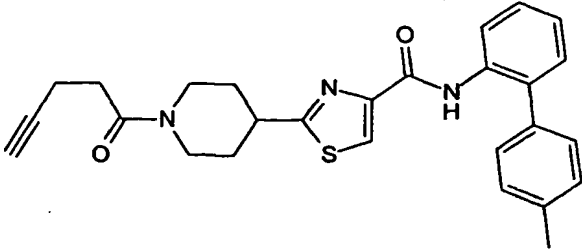
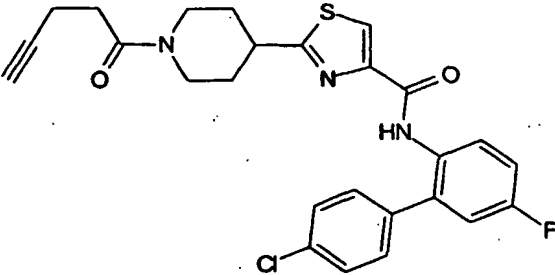
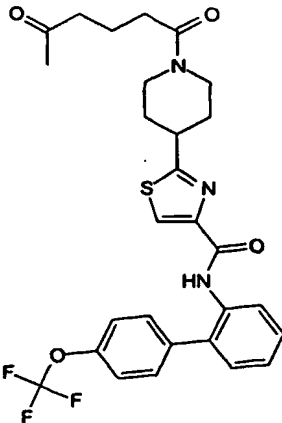
- 510 -

No.	FORMULA	NMR or mass
1396		
1397	 <p data-bbox="300 1165 1201 1228">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(4-oxopentanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1398		

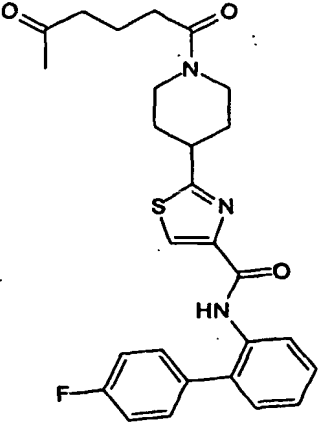
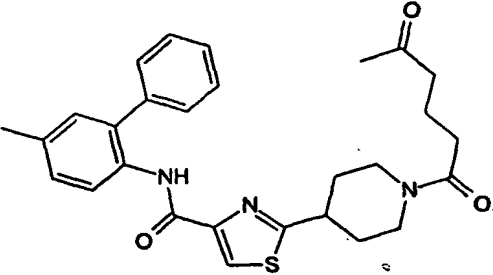
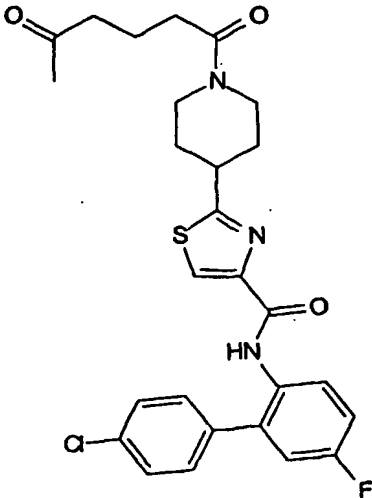
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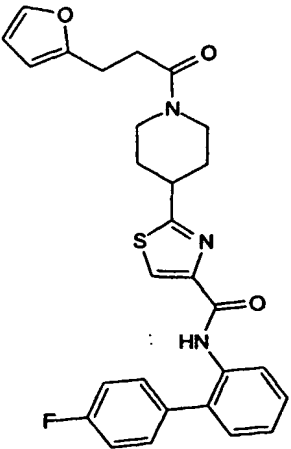
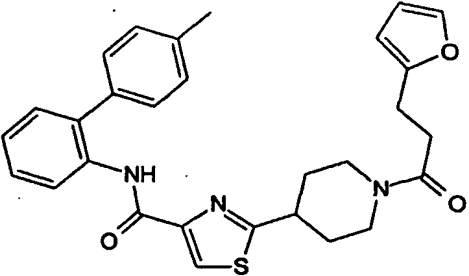
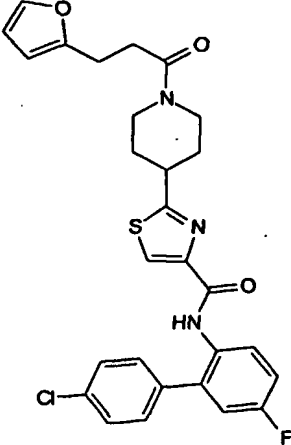
No.	FORMULA	NMR or mass
1399	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1400	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1401		

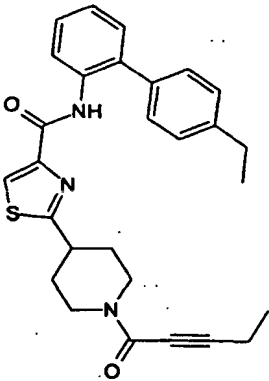
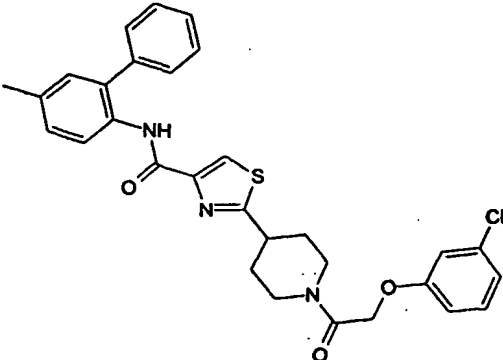
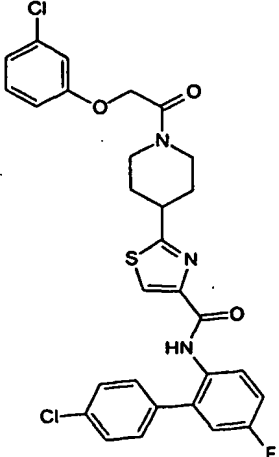
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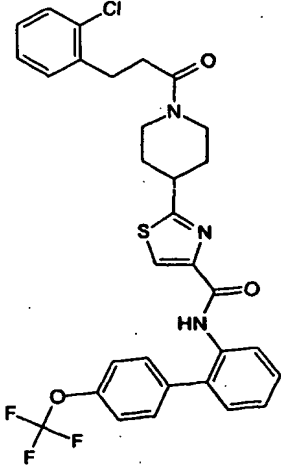
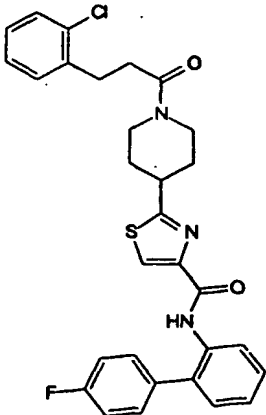
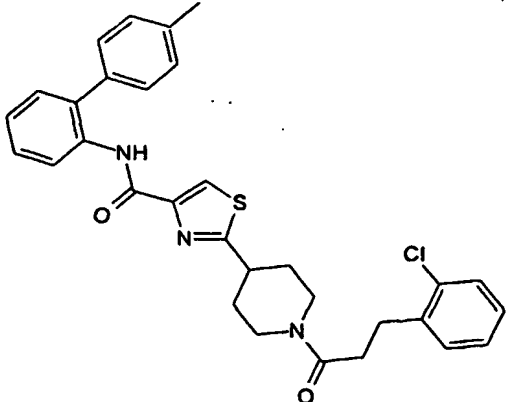
No.	FORMULA	NMR or mass
1402		
1403		
1404	 <p data-bbox="302 1520 1170 1583">2-[1-(5-oxohexanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1405	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(5-oxohexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1406		
1407		

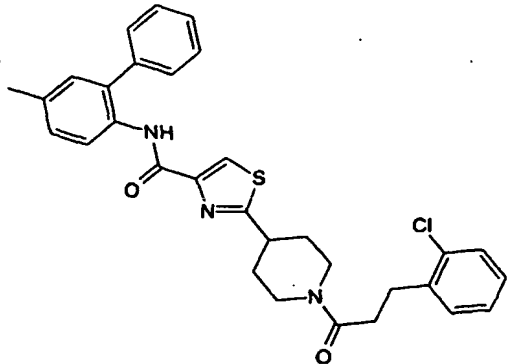
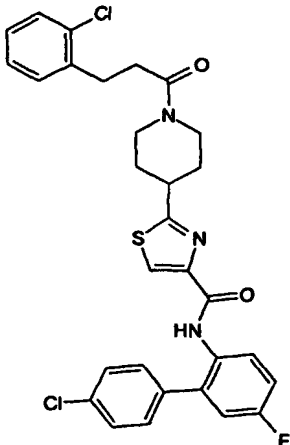
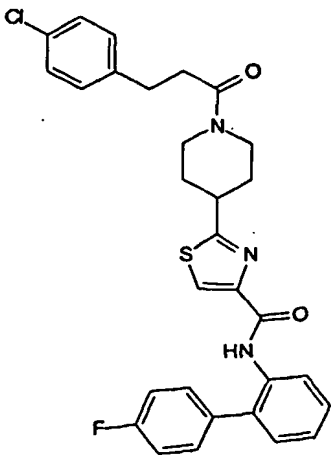
No.	FORMULA	NMR or mass
1408	 <p data-bbox="293 909 1138 966">N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1409		
1410	 <p data-bbox="293 1850 1203 1906">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

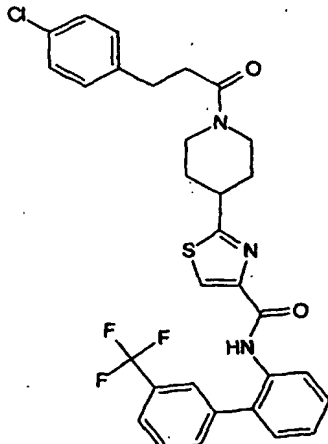
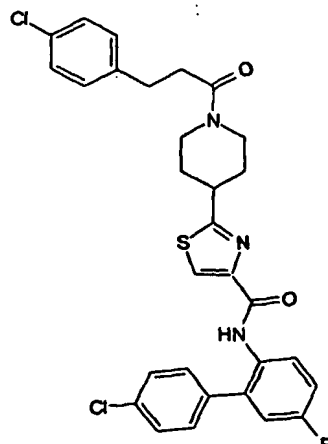
No.	FORMULA	NMR or mass
1411	 <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1412	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1413	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

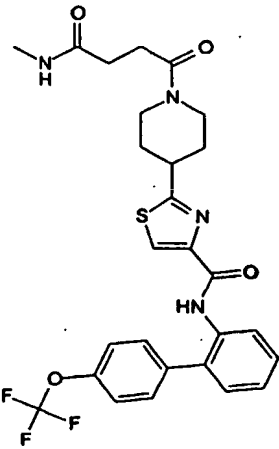
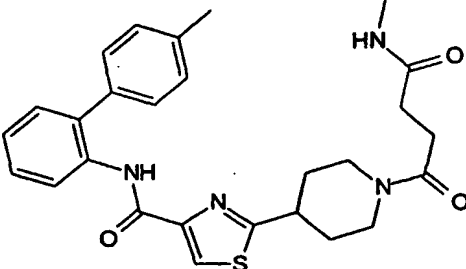
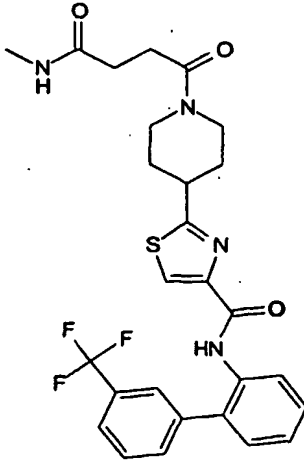
No.	FORMULA	NMR or mass
1414	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1415	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1416	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

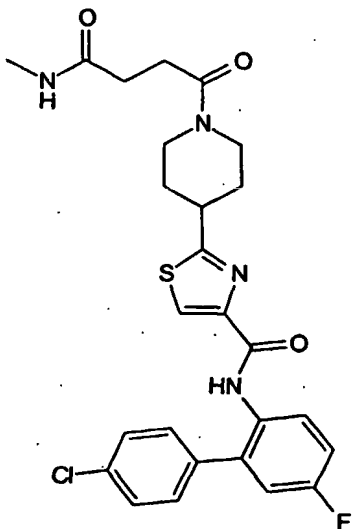
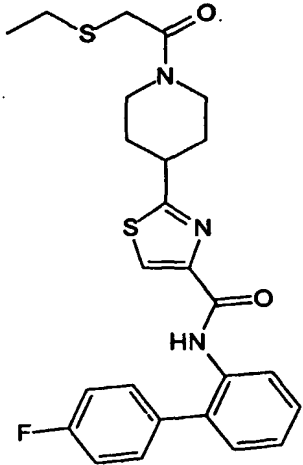


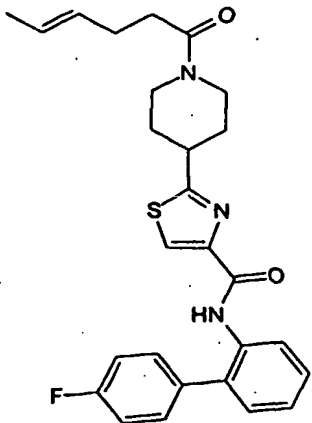
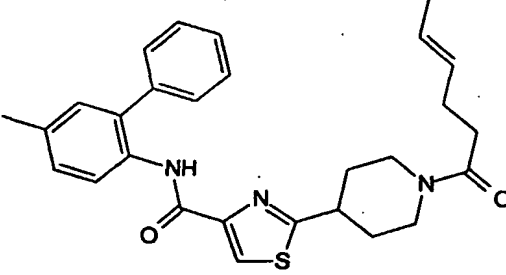
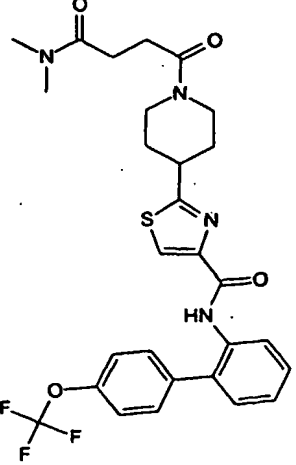
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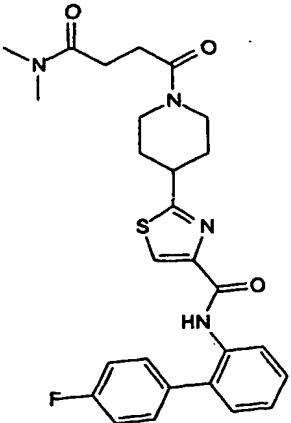
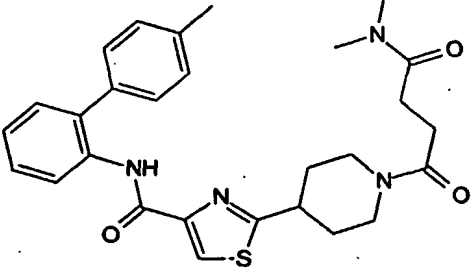
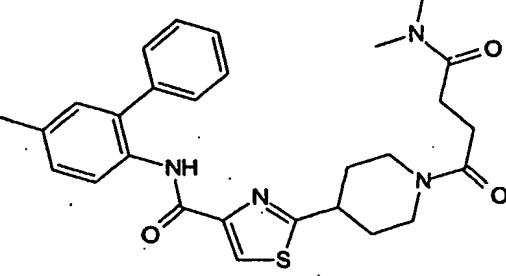
No.	FORMULA	NMR or mass
1417	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1418	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1419	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

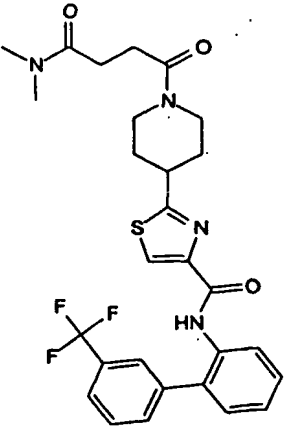
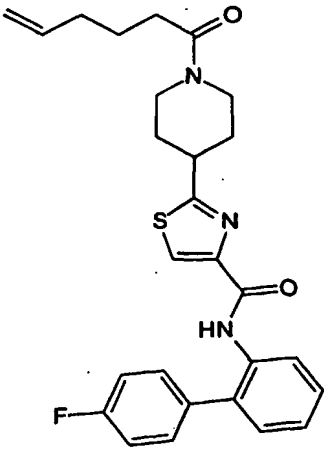
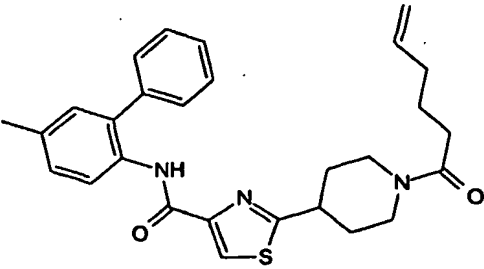
No.	FORMULA	NMR or mass
1420	 <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1421	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

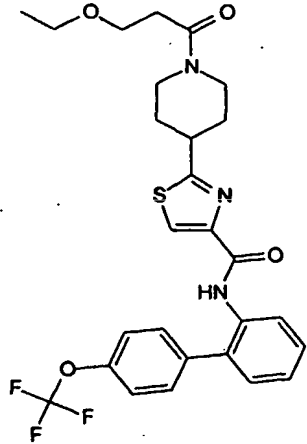
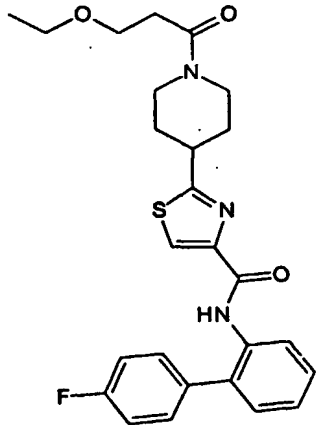
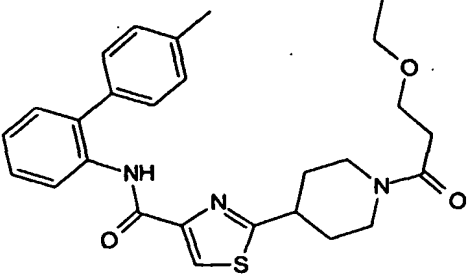
No.	FORMULA	NMR or mass
1422	 <p data-bbox="300 877 1214 940">2-{1-[4-(methyamino)-4-oxobutanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1423		
1424	 <p data-bbox="300 1843 1188 1906">2-{1-[4-(methyamino)-4-oxobutanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1425	 <p data-bbox="298 1003 1177 1058">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[4-(methylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1426	 <p data-bbox="298 1661 1198 1715">2-{1-[(ethylthio)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1427	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1428		
1429	 <p>2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

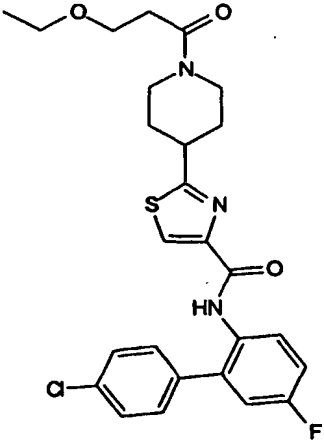
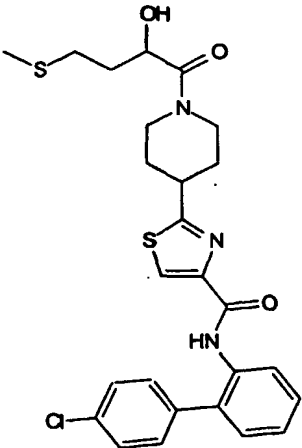
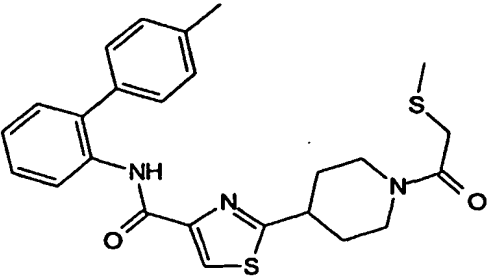
No.	FORMULA	NMR or mass
1430	 <p data-bbox="289 850 1214 913">2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1431		
1432		

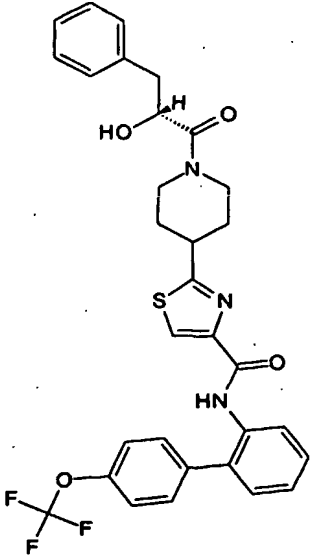
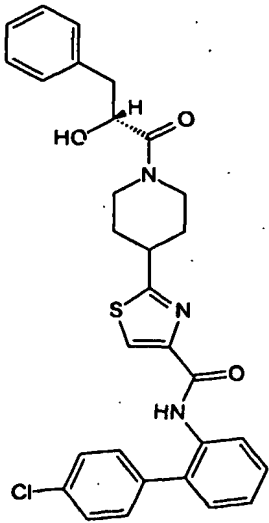
No.	FORMULA	NMR or mass
1433	 <p data-bbox="305 856 1214 919">2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1434	 <p data-bbox="305 1465 1162 1528">N-(4'-fluorobiphenyl-2-yl)-2-(1-hex-5-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1435		

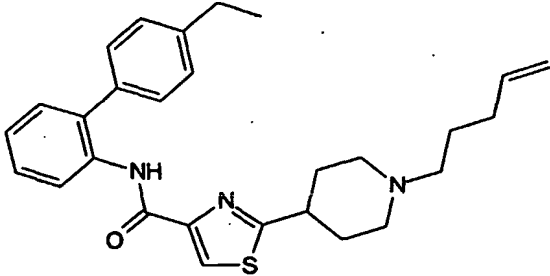
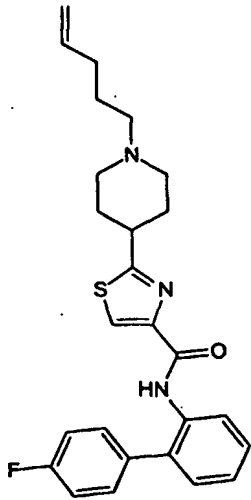
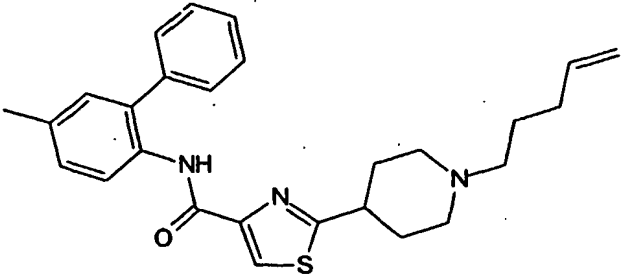
No.	FORMULA	NMR or mass
1436	 <p data-bbox="289 867 1177 930">2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1437	 <p data-bbox="289 1451 1122 1514">2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1438		

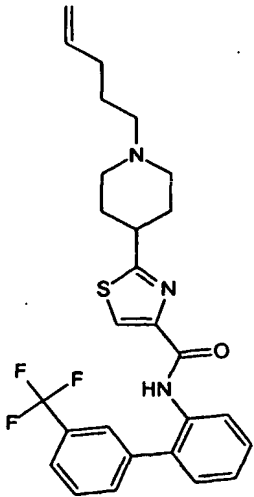
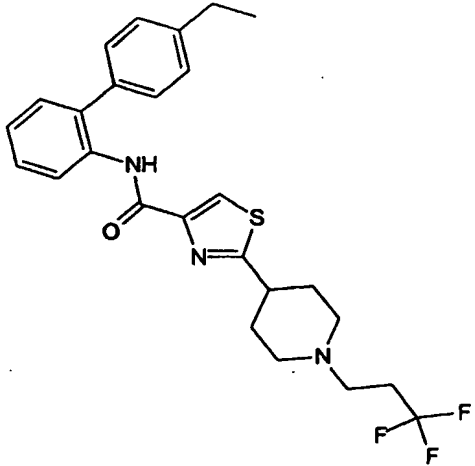


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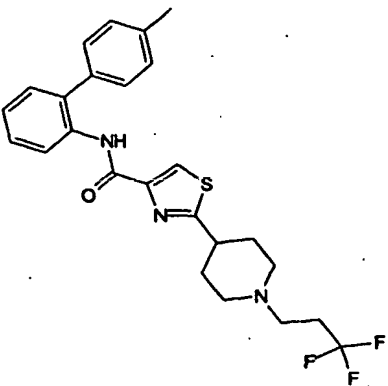
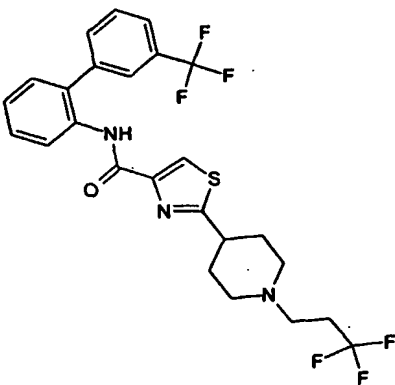
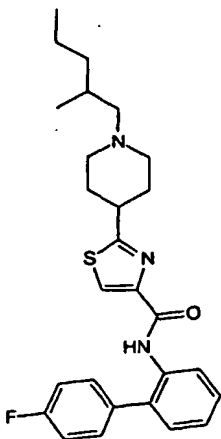
No.	FORMULA	NMR or mass
1439	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1440	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1441		

No.	FORMULA	NMR or mass
1442	 <p data-bbox="297 997 1128 1060">2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1443	 <p data-bbox="297 1701 1209 1764">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

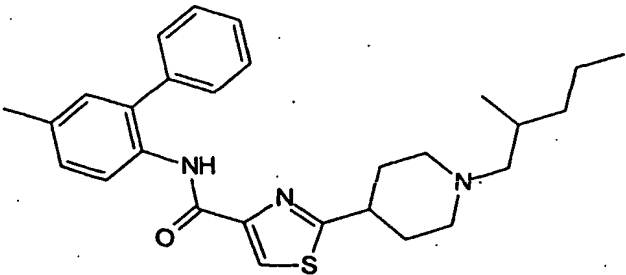
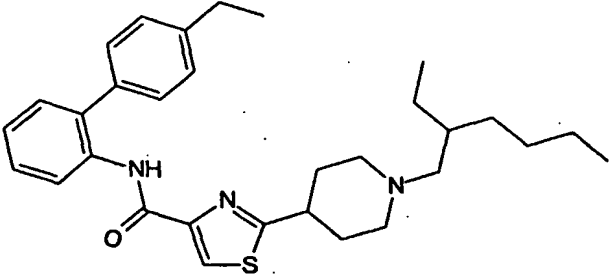
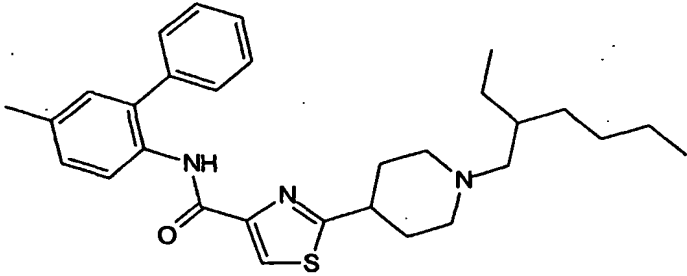
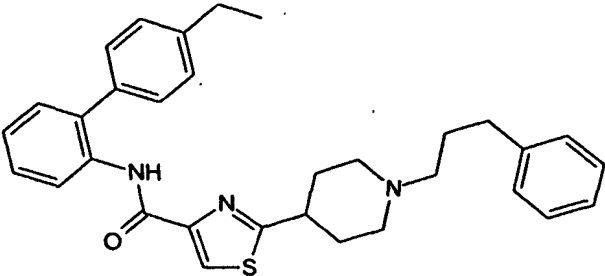
No.	FORMULA	NMR or mass
1444		
1445	 <p data-bbox="297 1276 1182 1339">N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-4-en-1-ylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1446		

No.	FORMULA	NMR or mass
1447	 <p data-bbox="297 940 1174 1003">2-(1-pent-4-en-1-ylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide.</p>	
1448	 <p data-bbox="297 1539 1125 1602">N-(4'-ethylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

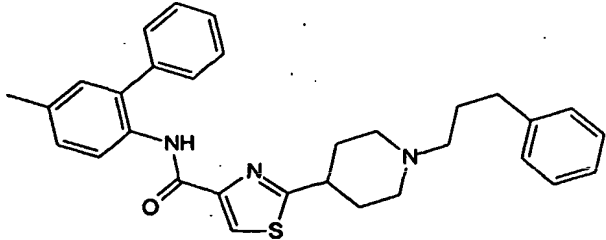
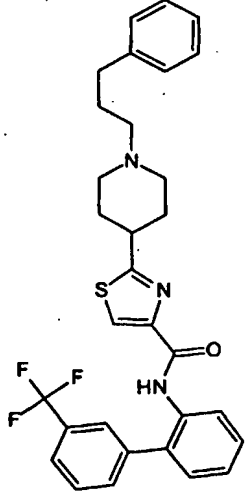
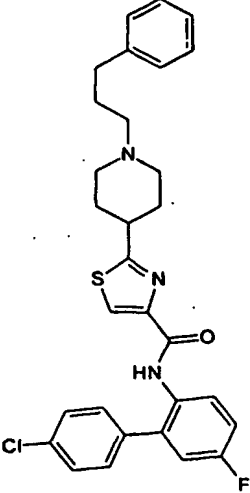
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No.	FORMULA	NMR or mass
1449	 <p>N-(4'-methylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1450	 <p>N-[3'-(trifluoromethyl)biphenyl-2-yl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1451	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

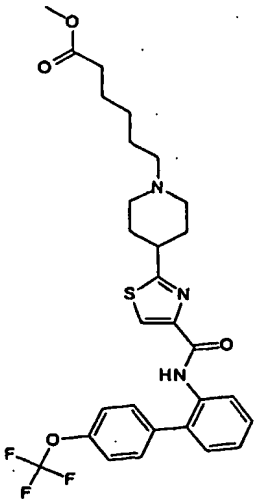
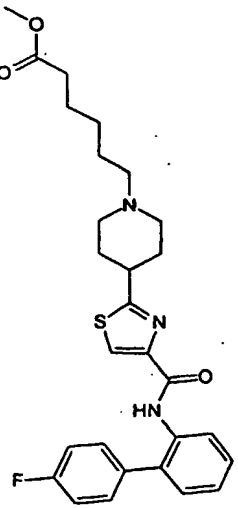
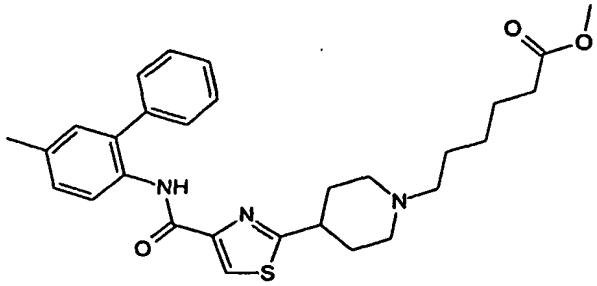
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No.	FORMULA	NMR or mass
1452		
1453		
1454		
1455		

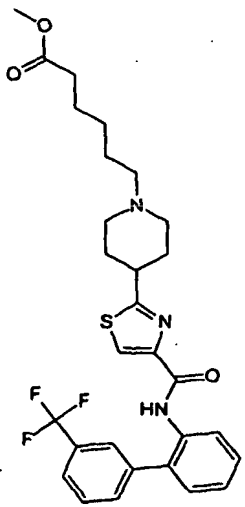
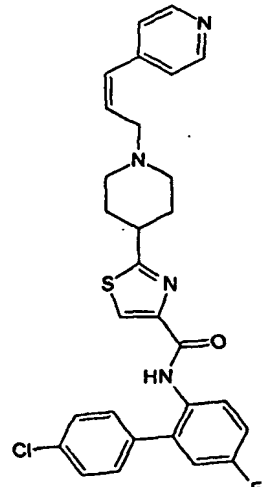
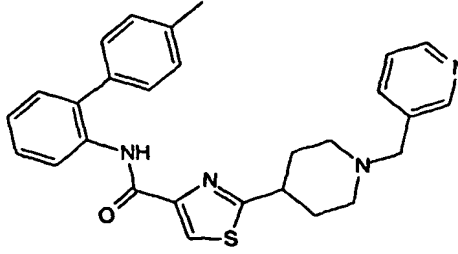
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No.	FORMULA	NMR or mass
1456		
1457	 <p data-bbox="305 1255 1214 1312">2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1458	 <p data-bbox="305 1864 1214 1921">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

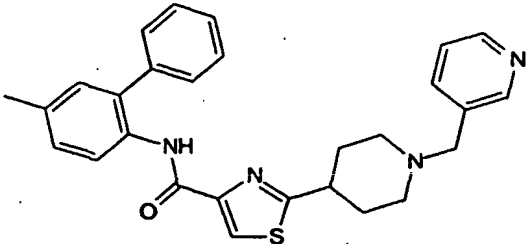
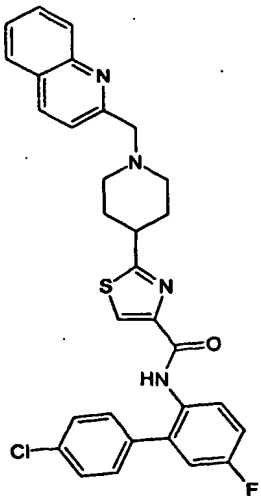
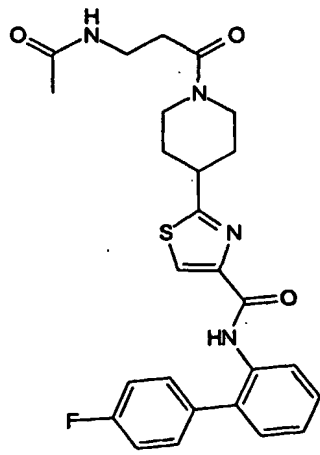
- 532 -

No.	FORMULA	NMR or mass
1459	 <p data-bbox="305 907 1166 961">methyl 6-[4-[4-[[4'-(trifluoromethoxy)biphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]hexanoate</p>	
1460	 <p data-bbox="305 1516 1166 1570">methyl 6-[4-[4-[[4'-fluorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]hexanoate</p>	
1461		

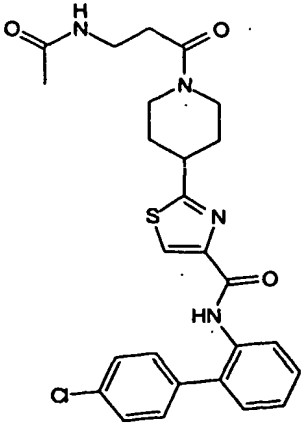
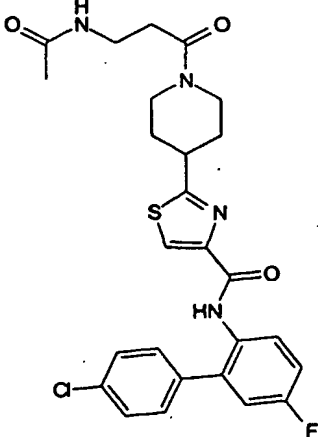
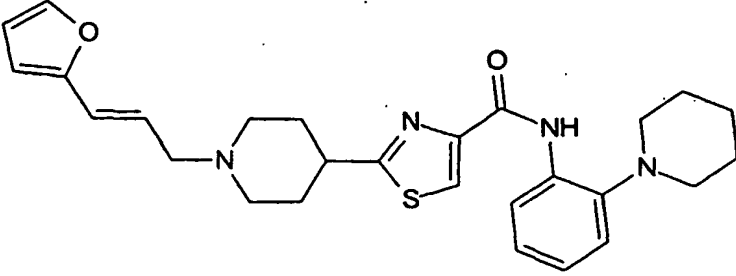


No.	FORMULA	NMR or mass
1462	 <p data-bbox="292 913 1120 976">methyl 6-{4-[4-((3'-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl}hexanoate</p>	
1463	 <p data-bbox="292 1522 1169 1585">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1464		

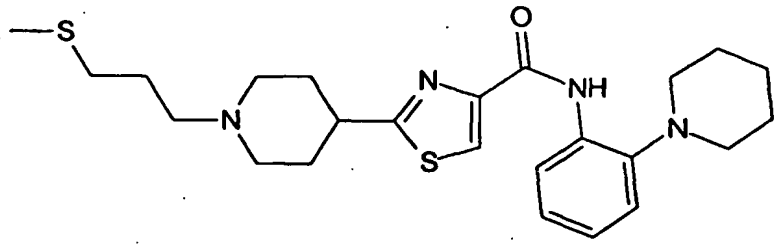
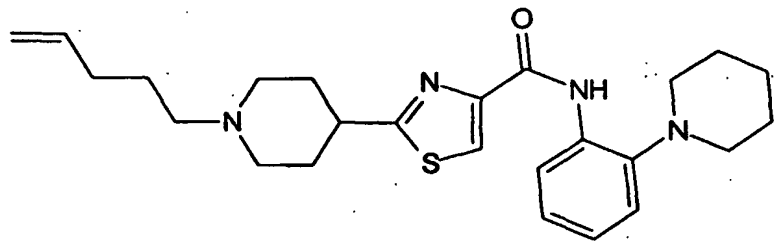
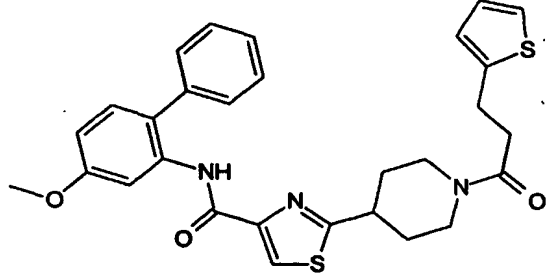
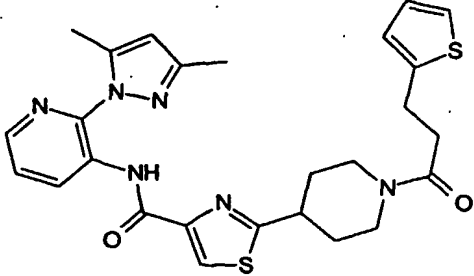
- 534 -

No.	FORMULA	NMR or mass
1465		
1466	 <p data-bbox="292 1249 1193 1312">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1467	 <p data-bbox="292 1837 1144 1890">2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

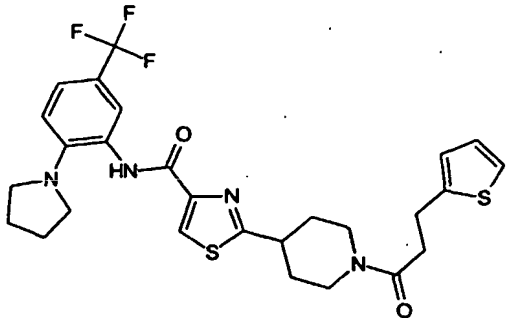
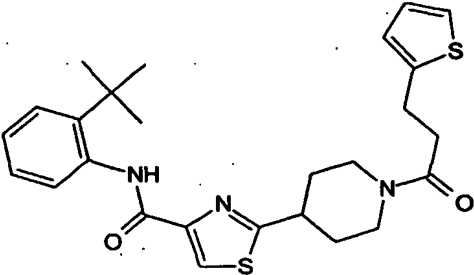
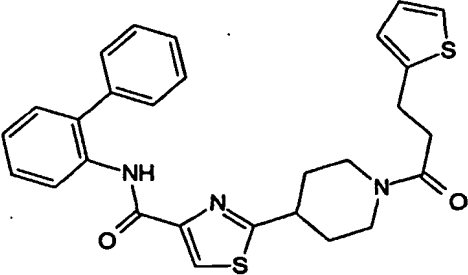
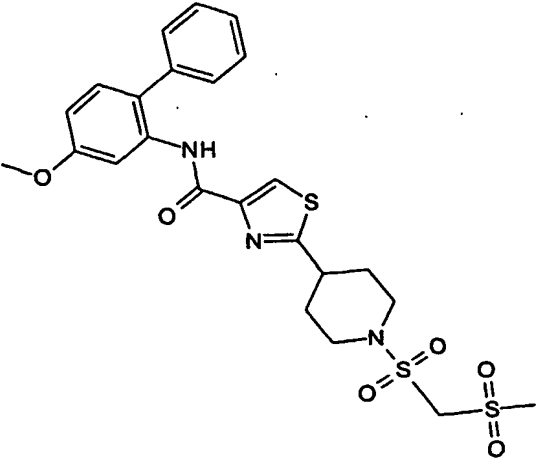
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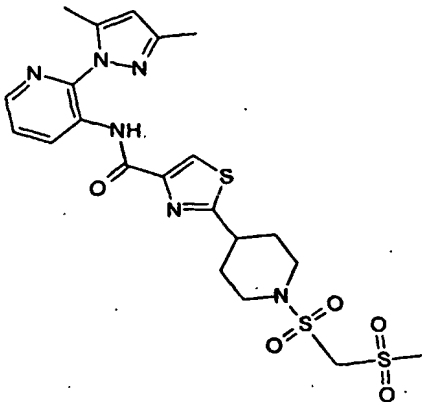
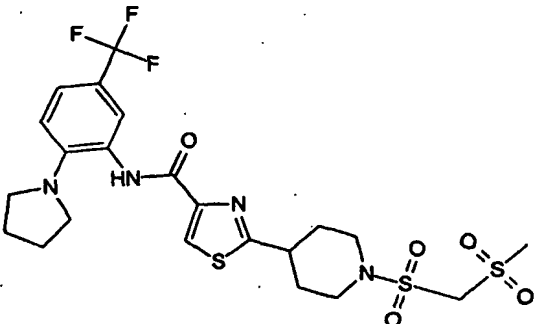
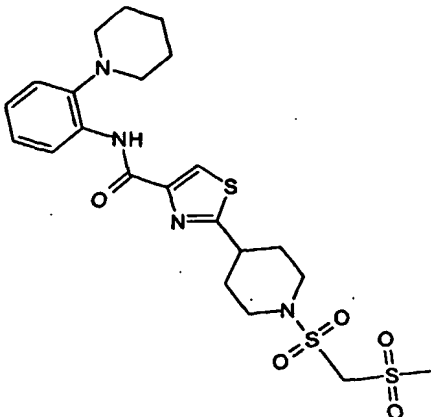
No.	FORMULA	NMR or mass
1468	 <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1469	 <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1470		

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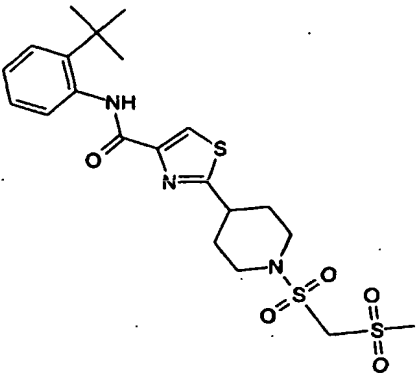
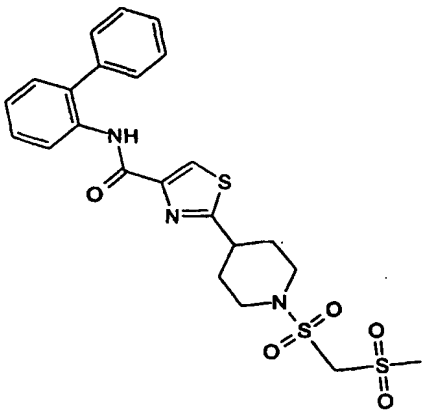
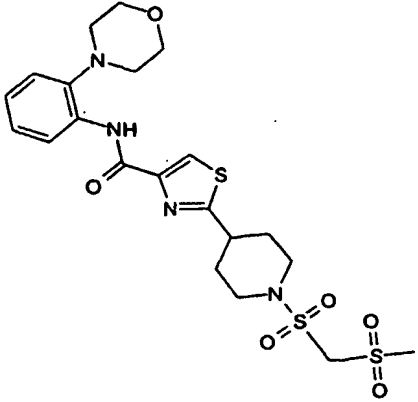
No.	FORMULA	NMR or mass
1471	 <chem>CSCCC1CCN(C1)c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2</chem>	
1472	 <chem>C=CCCC1CCN(C1)c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2</chem>	
1473	 <chem>COc1ccc(NC(=O)c2sc(C3CCN(C3CC(=O)Cc4ccsc4)c5ccccc5)c2)cc1</chem>	
1474	 <chem>Cc1cn[nH]1C(=O)Nc2ccncc2C(=O)c3sc(C4CCN(C4CC(=O)Cc5ccsc5)c6ccccc6)c3</chem>	

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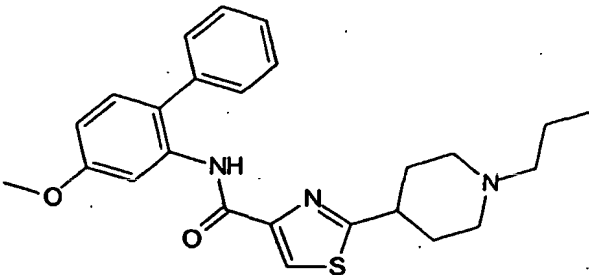
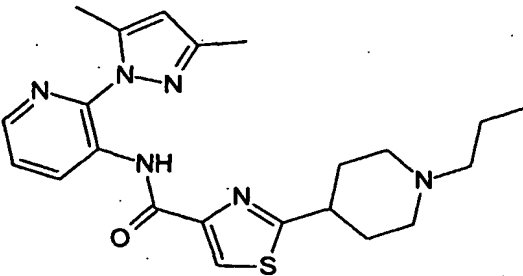
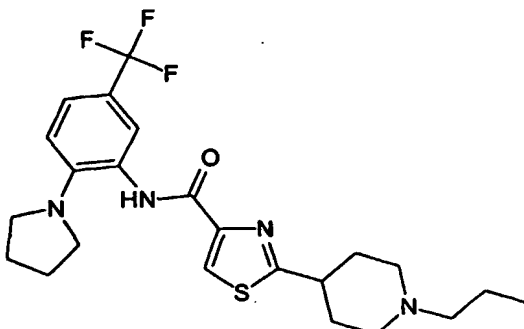
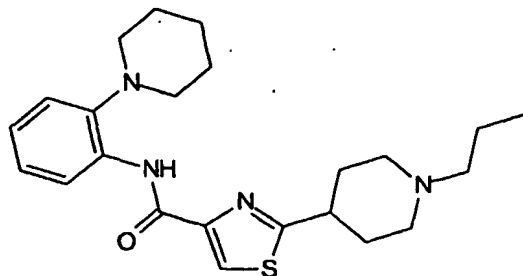
No.	FORMULA	NMR or mass
1475		
1476		
1477		
1478		

No.	FORMULA	NMR or mass
1479	 <p data-bbox="305 842 1154 898">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-[[[(methylsulfonyl)methyl]sulfonyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1480		
1481	 <p data-bbox="313 1780 1170 1837">2-(1-[[[(methylsulfonyl)methyl]sulfonyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide)-N-(2-piperidin-1-yl-phenyl)</p>	

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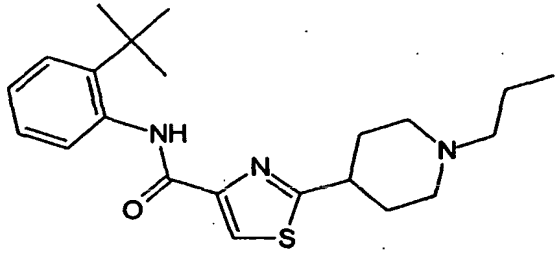
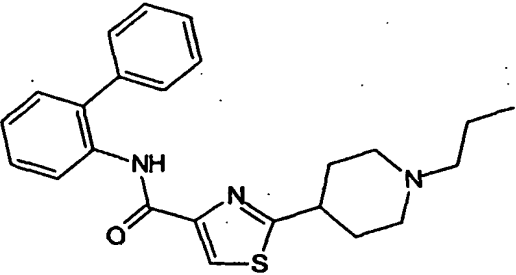
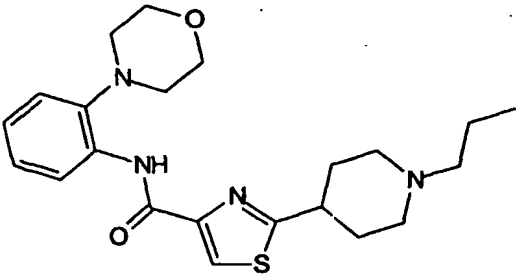
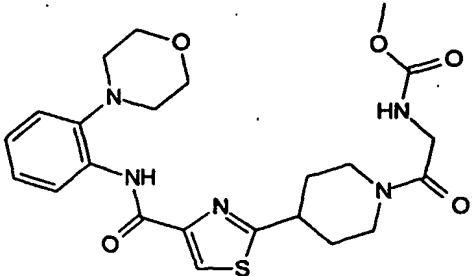
No.	FORMULA	NMR or mass
1482	 <p data-bbox="300 808 1209 871">N-(2-tert-butylphenyl)-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1483	 <p data-bbox="300 1344 1209 1407">N-biphenyl-2-yl-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1484	 <p data-bbox="300 1858 1209 1921">2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

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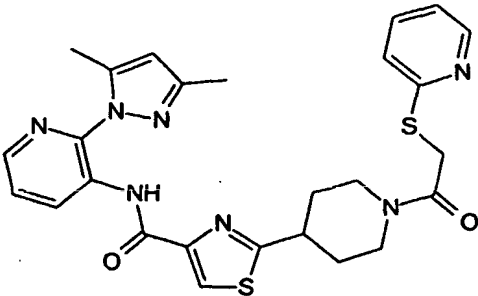
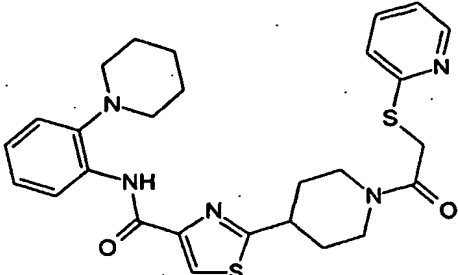
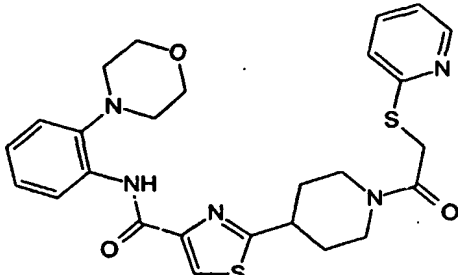
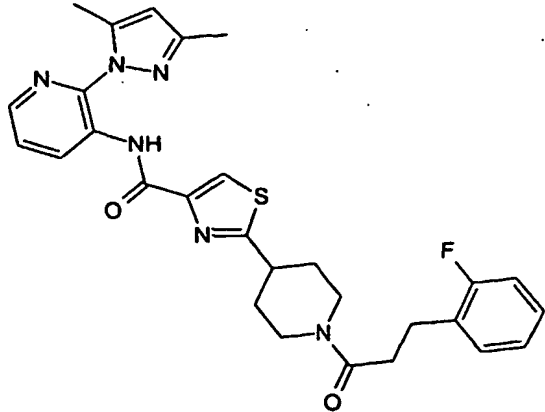
No.	FORMULA	NMR or mass
1485	 <chem>CCN1CCCCC1c2nc(C(=O)Nc3ccccc3)c(s2)c4ccc(OC)cc4</chem>	
1486	 <chem>CCN1CCCCC1c2nc(C(=O)Nc3ccncc3-c4nn(C)c(C)c4)c(s2)c5ccncc5</chem>	
1487	 <chem>CCN1CCCCC1c2nc(C(=O)Nc3ccc(C(F)(F)F)cc3)c(s2)c4ccc(NC(=O)c5ccncc5)cc4</chem>	
1488	 <chem>CCN1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)c(s2)c5ccncc5</chem>	



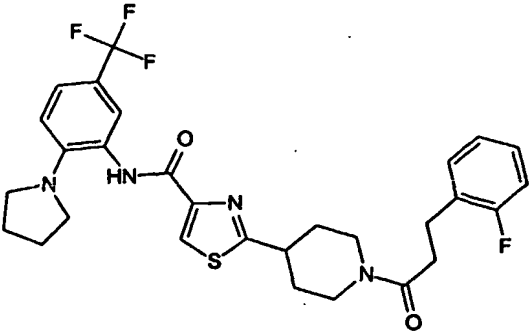
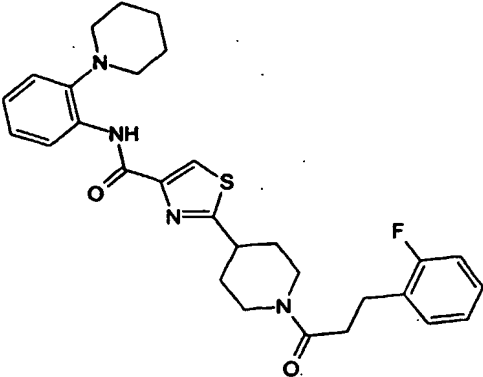
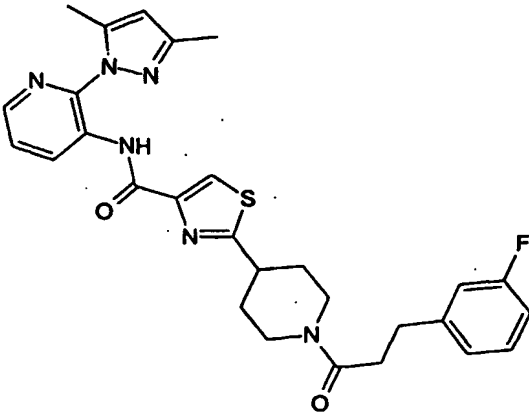
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No.	FORMULA	NMR or mass
1489	 <chem>CCCC1CCN(CC1)c2ccsc2C(=O)Nc3cc(C(C)(C)C)ccc3</chem>	
1490	 <chem>CCCC1CCN(CC1)c2ccsc2C(=O)Nc3cc(ccc3-c4ccccc4)</chem>	
1491	 <chem>CCCC1CCN(CC1)c2ccsc2C(=O)Nc3cc(N4CCOCC4)ccc3</chem>	
1492	 <chem>CCCC1CCN(CC1)c2cc(s2)C(=O)NCC(=O)OCc3cc(N4CCOCC4)ccc3</chem>	

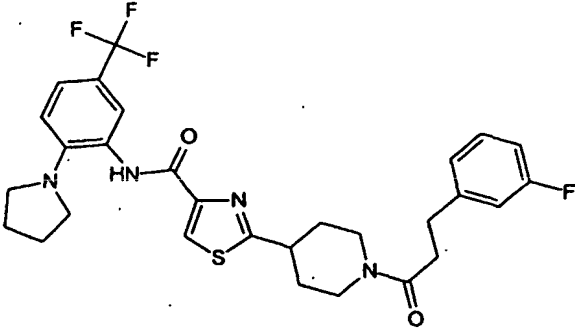
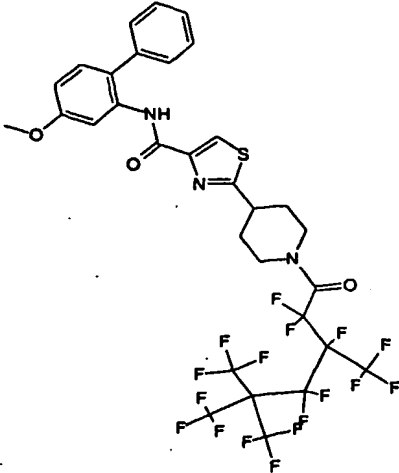
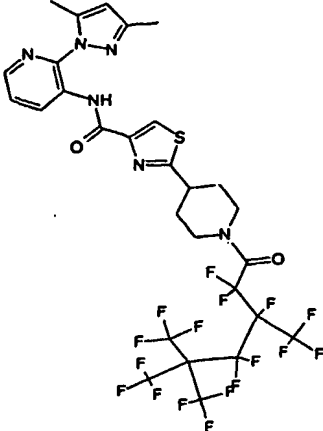
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No.	FORMULA	NMR or mass
1493		
1494		
1495		
1496		

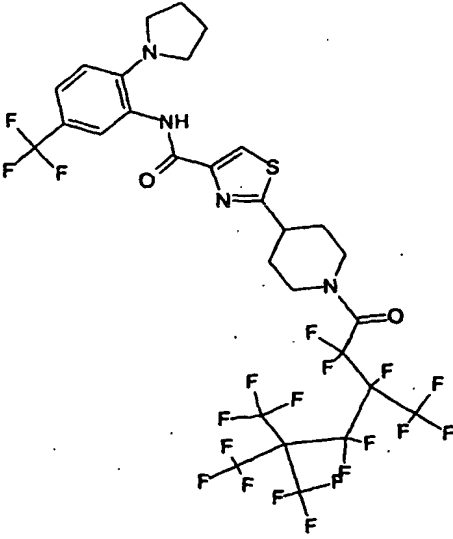
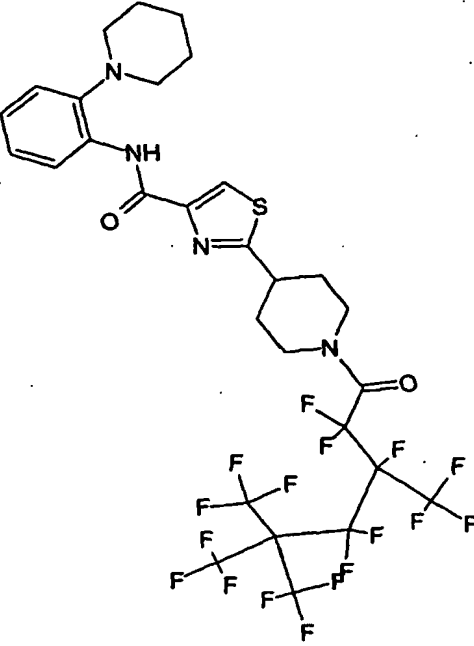
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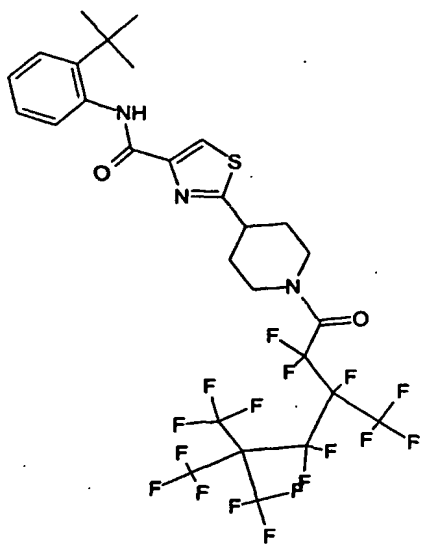
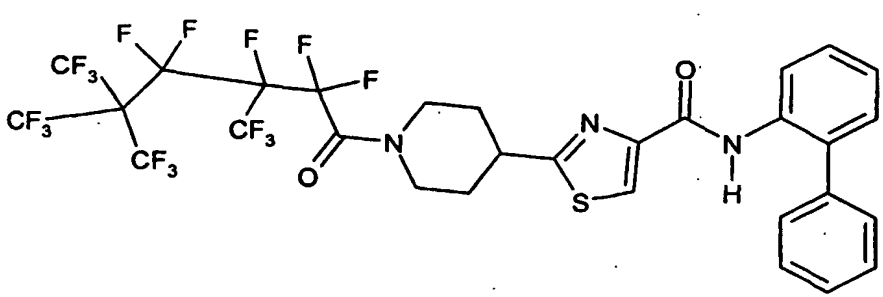
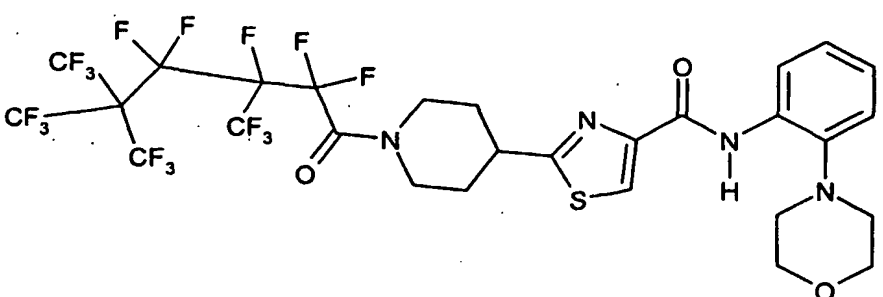
No.	FORMULA	NMR or mass
1497		
1498	 <p data-bbox="302 1226 1203 1289">2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
1499	 <p data-bbox="302 1814 1159 1869">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

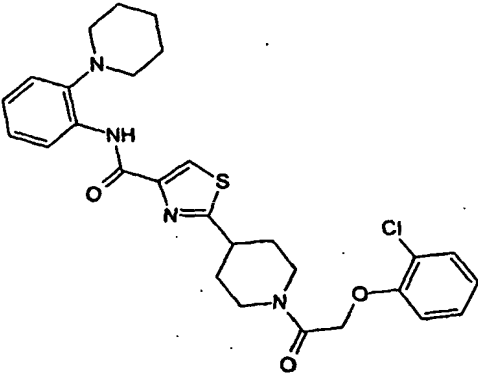
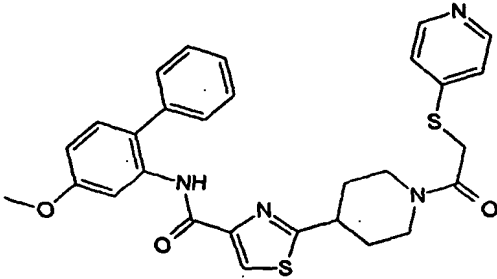
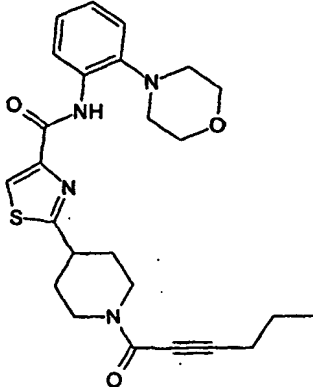
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No.	FORMULA	NMR or mass
1500		
1501	 <p data-bbox="305 1297 1138 1352">N-(4-methoxybiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1502	 <p data-bbox="305 1829 1187 1908">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

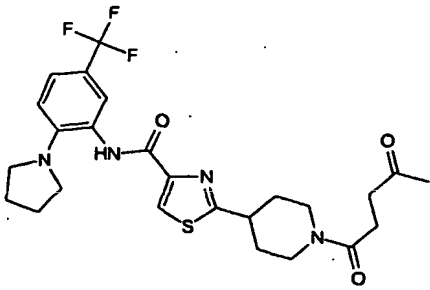
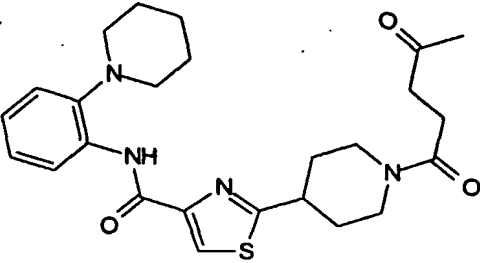
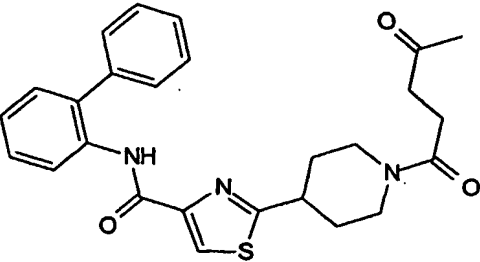
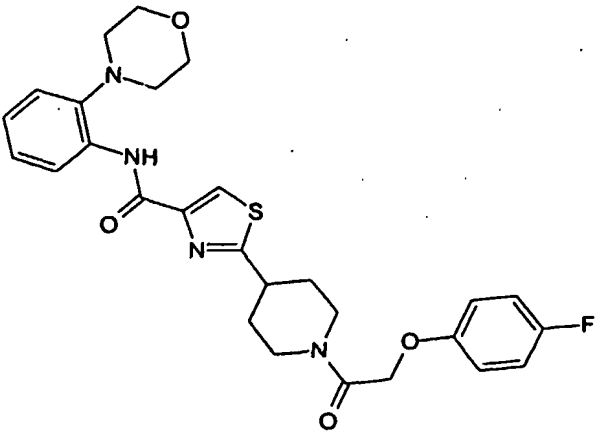
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No.	FORMULA	NMR or mass
1503	 <p>2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1504	 <p>2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl)-N-phenyl-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1505	 <p>N-(2-tert-butylphenyl)-2-[1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1506		
1507		

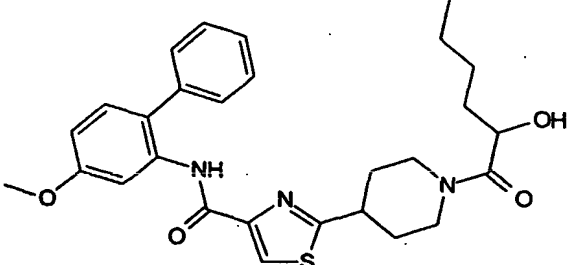
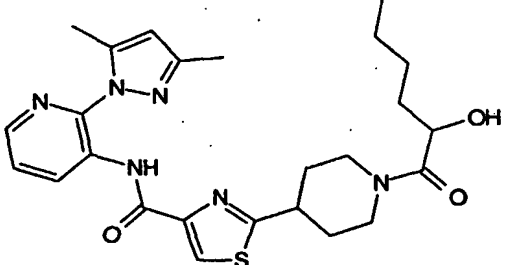
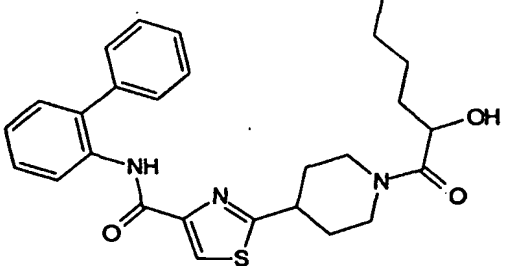
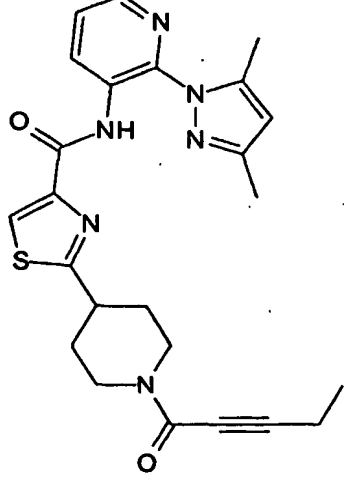
No.	FORMULA	NMR or mass
1508	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
1509	 <p>N-(4-methoxybiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1510	 <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

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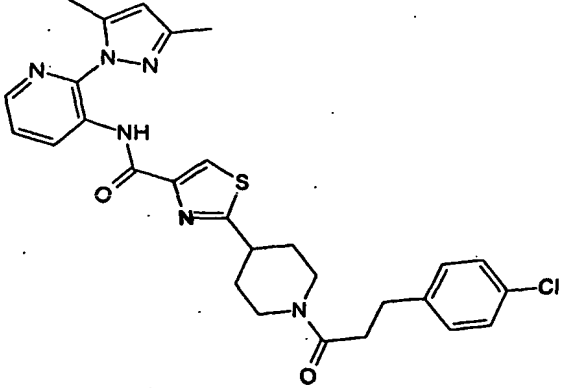
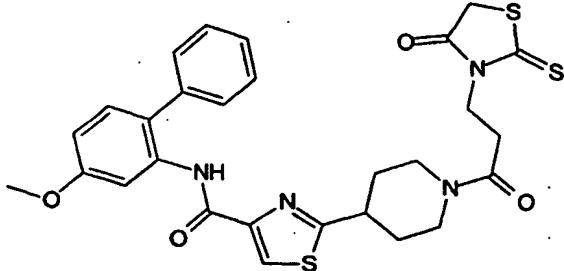
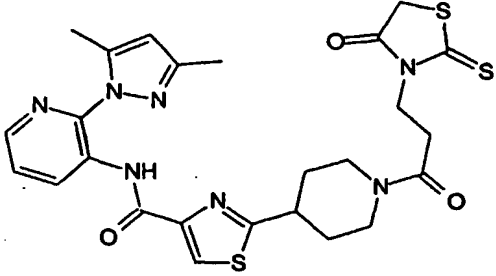
No.	FORMULA	NMR or mass
1511	 <p>2-[1-(4-oxopentanoyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
1512		
1513		
1514		

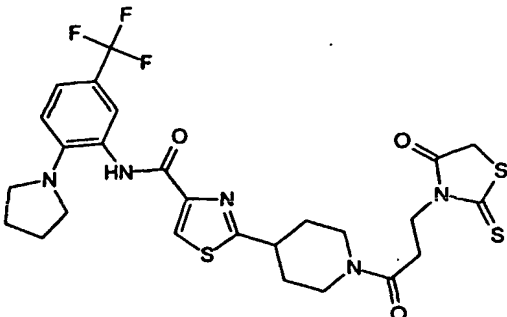
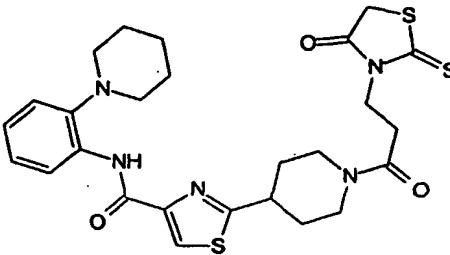
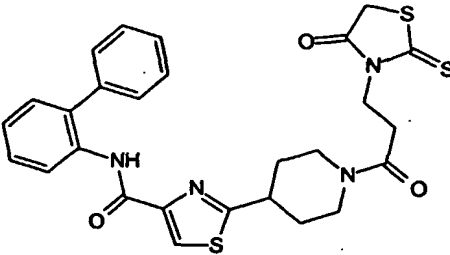
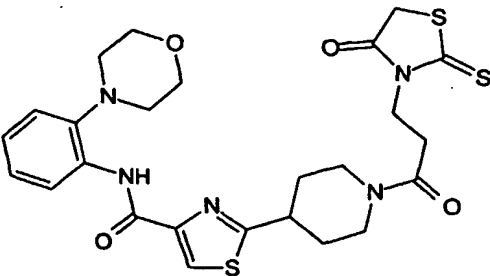


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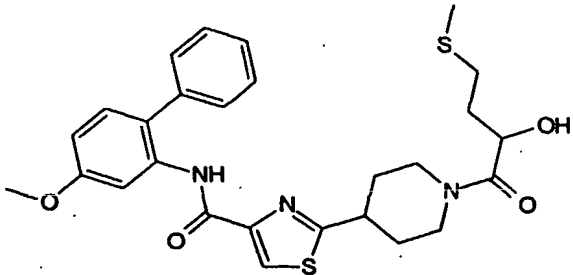
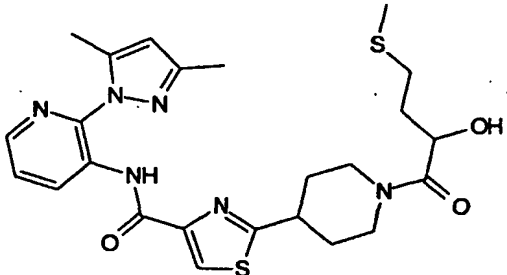
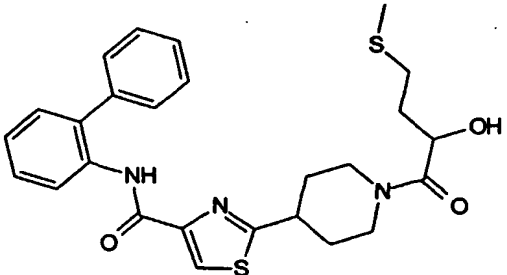
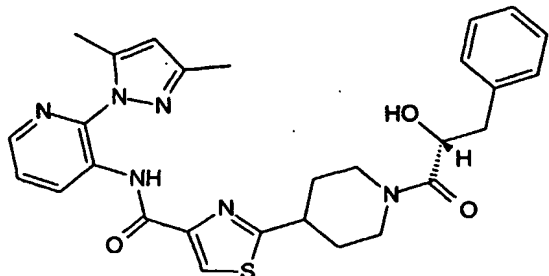
No.	FORMULA	NMR or mass
1515	 <chem>COc1ccc(NC(=O)c2cc(sc2C3CCN(CC3)C(=O)CC(O)CC)cc4ccccc14)cc5ccccc5</chem>	
1516	 <chem>Cc1cc2nc(C)nn2c3ccccc3NC(=O)c4cc(sc4C5CCN(CC5)C(=O)CC(O)CC)n6</chem>	
1517	 <chem>c1ccc(cc1NC(=O)c2cc(sc2C3CCN(CC3)C(=O)CC(O)CC)cc4ccccc14)cc5ccccc5</chem>	
1518	 <chem>Cc1cc2nc(C)nn2c3ccccc3NC(=O)c4cc(sc4C5CCN(CC5)C(=O)CC#CC)n6</chem>	

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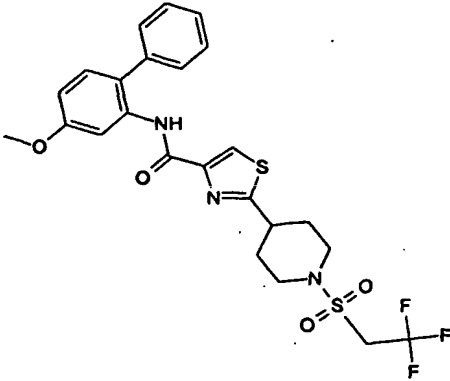
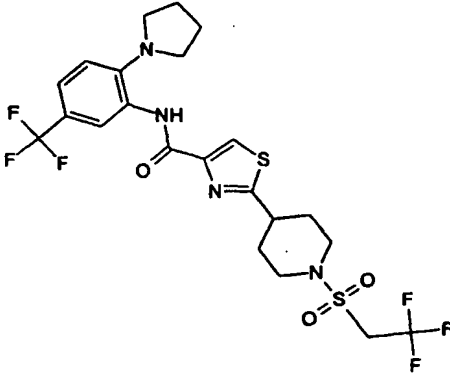
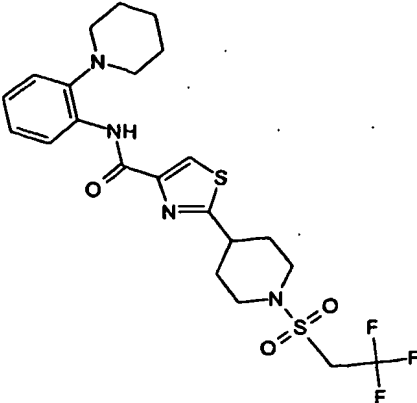
No.	FORMULA	NMR or mass
1519	 <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
1520	 <p>2-{1-[3-(4-methoxyphenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
1521	 <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1522	 <p data-bbox="289 745 1161 808">2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1523		
1524		
1525		

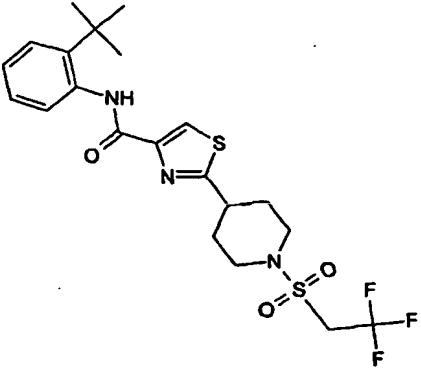
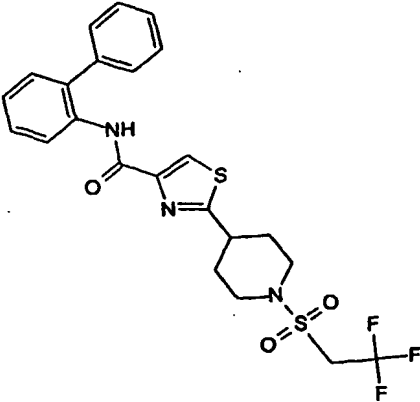
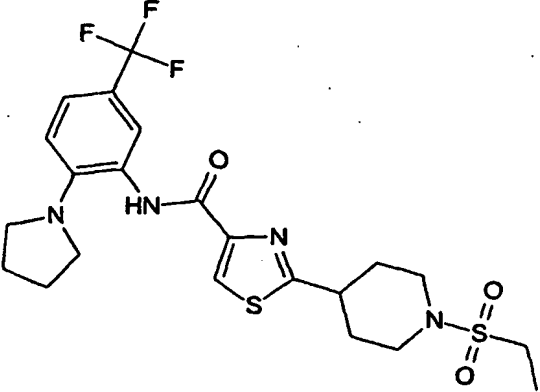
- 552 -

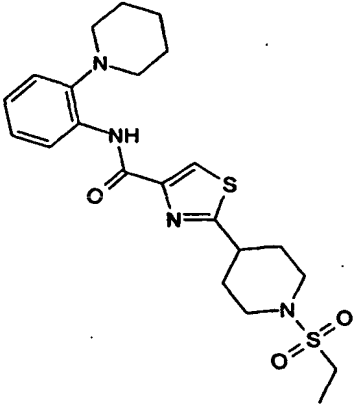
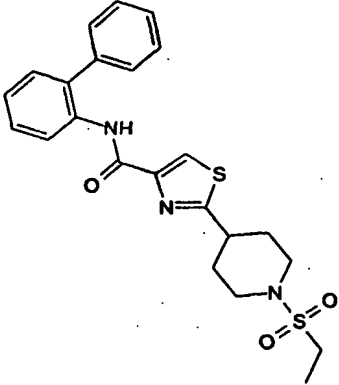
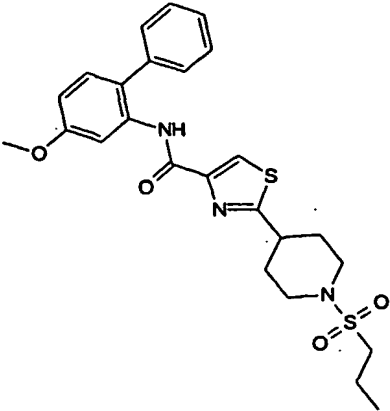
No.	FORMULA	NMR or mass
1526		
1527		
1528		
1529		

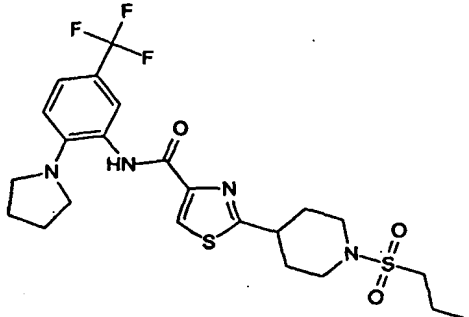
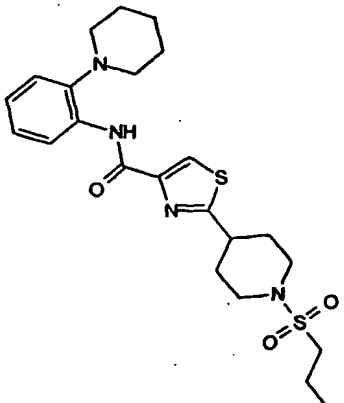
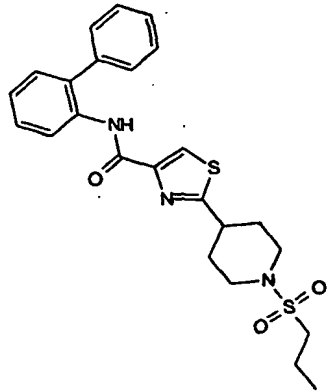
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No.	FORMULA	NMR or mass
1530	 <p data-bbox="305 800 1221 856">N-(4-methoxybiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1531	 <p data-bbox="305 1314 1161 1371">N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1532	 <p data-bbox="305 1850 1201 1906">N-(2-piperidin-1-ylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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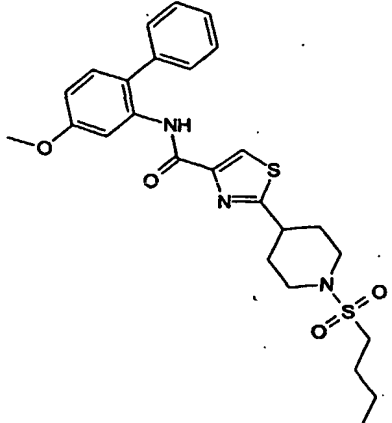
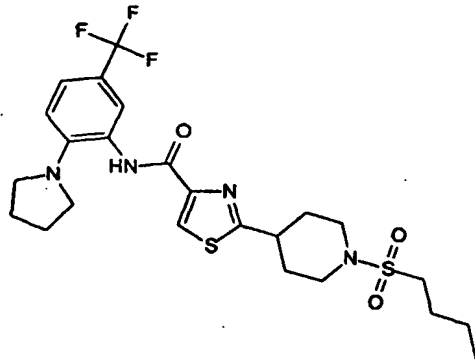
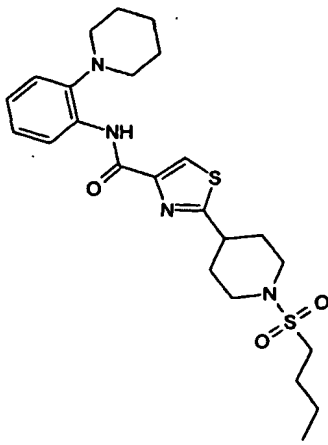
No.	FORMULA	NMR or mass
1533	 <p data-bbox="289 783 1208 842">N-(2-tert-butylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1534	 <p data-bbox="289 1318 1208 1377">N-biphenyl-2-yl-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1535		

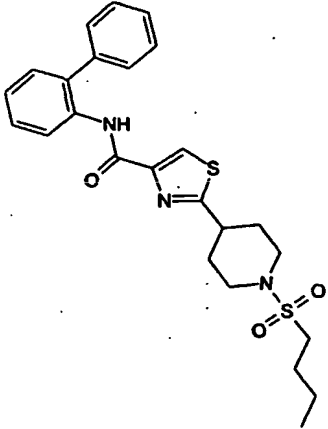
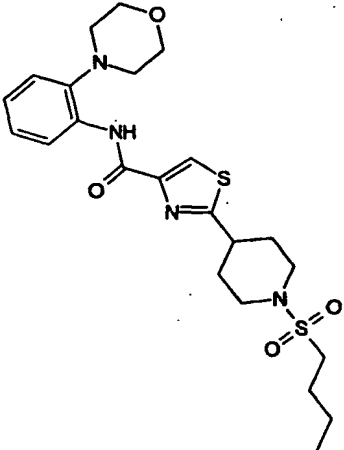
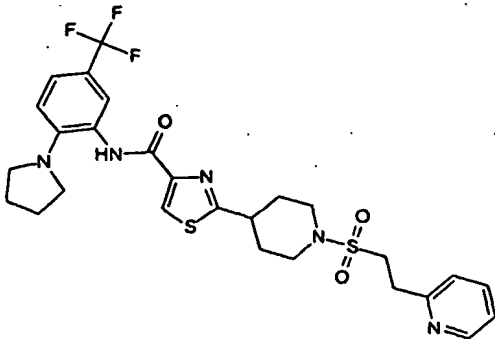
No.	FORMULA	NMR or mass
1536	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
1537	 <p>N-biphenyl-2-yl-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1538	 <p>N-(4-methoxybiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1539	 <p data-bbox="293 745 1170 808">2-[1-(propylsulfonyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
1540	 <p data-bbox="293 1302 1203 1354">N-(2-piperidin-1-ylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1541	 <p data-bbox="293 1816 1079 1869">N-biphenyl-2-yl-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

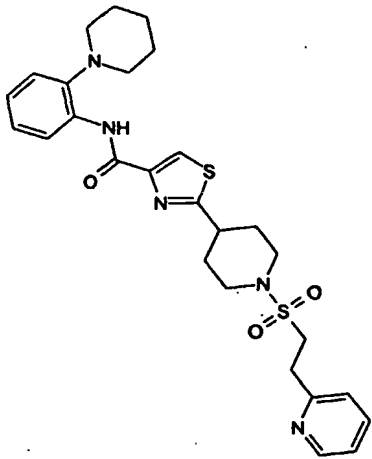
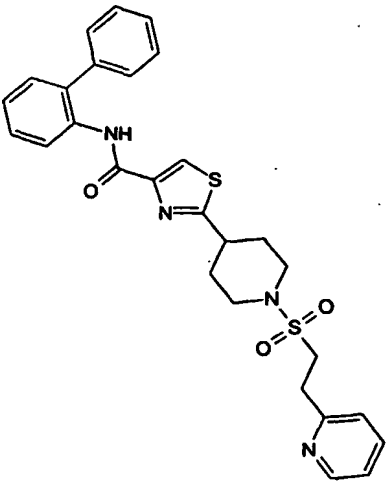
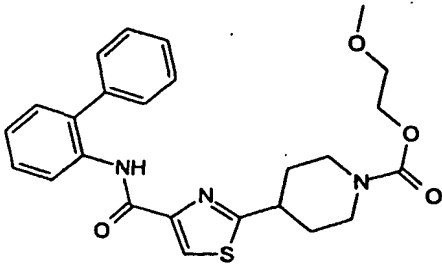


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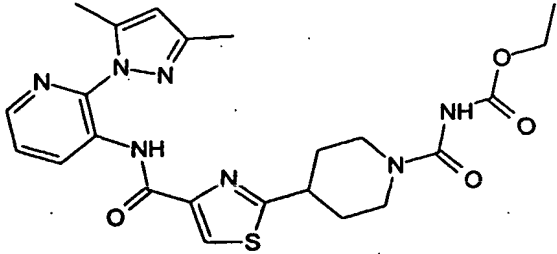
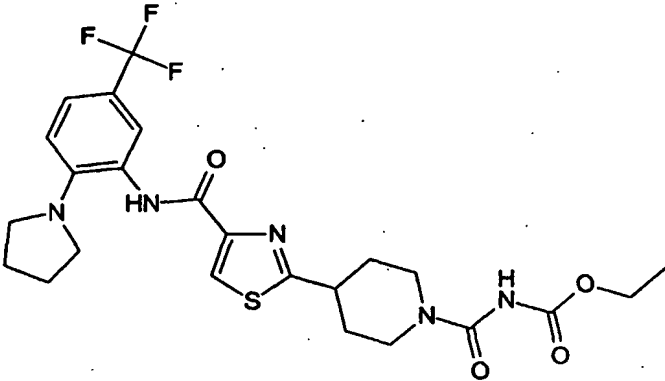
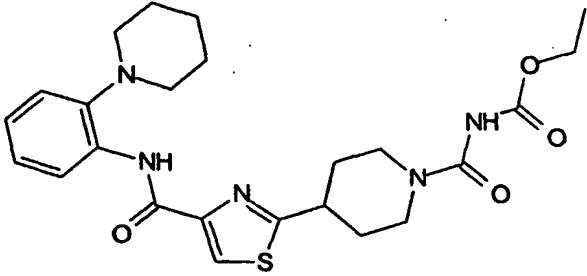
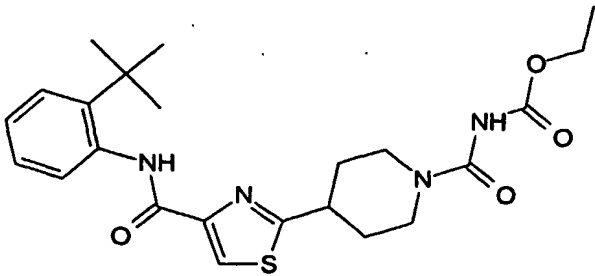
No.	FORMULA	NMR or mass
1542	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1543	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1544	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1545	 <p data-bbox="305 842 1068 898">N-biphenyl-2-yl-2-[1-(butylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1546	 <p data-bbox="305 1398 1211 1455">2-[1-(butylsulfonyl)piperidin-4-yl]-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
1547	 <p data-bbox="305 1856 1138 1913">2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

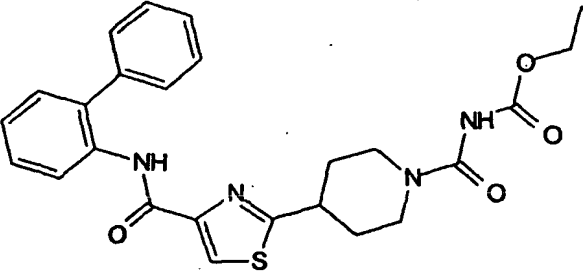
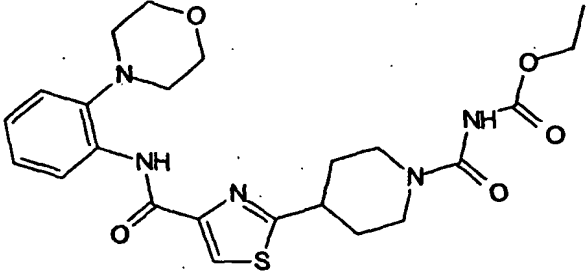
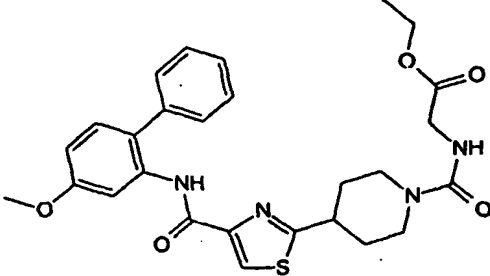
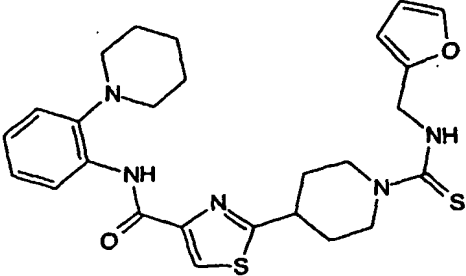
- 559 -

No.	FORMULA	NMR or mass
1548	 <p data-bbox="305 888 1193 947">N-(2-piperidin-1-ylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1549	 <p data-bbox="305 1509 1219 1568">N-biphenyl-2-yl-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1550	 <p data-bbox="305 1738 1219 1885">N-biphenyl-2-yl-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide methyl ester</p>	

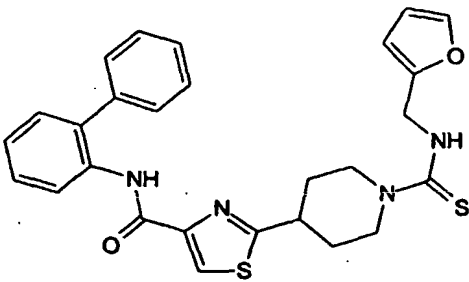
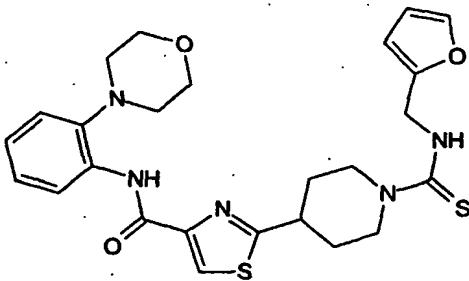
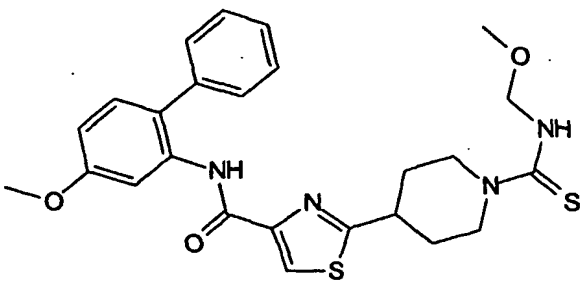
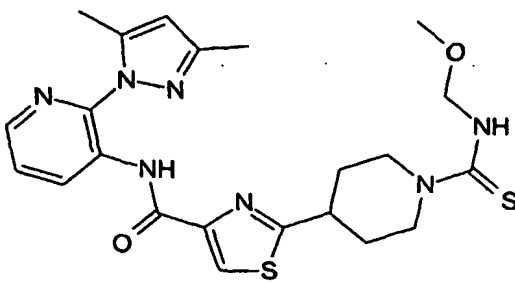
- 560 -

No.	FORMULA	NMR or mass
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1552		
1553		
1554		

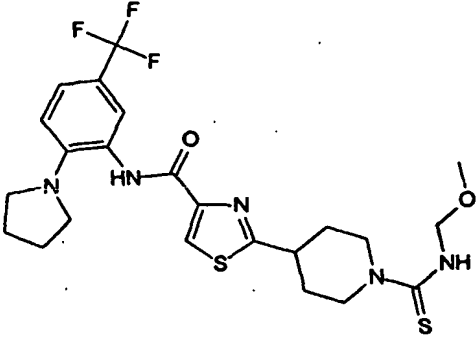
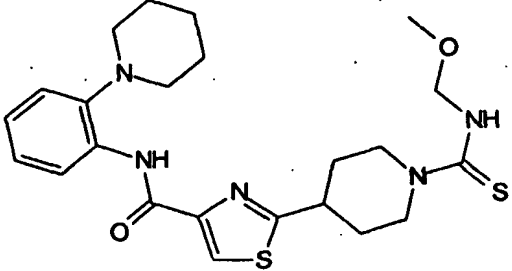
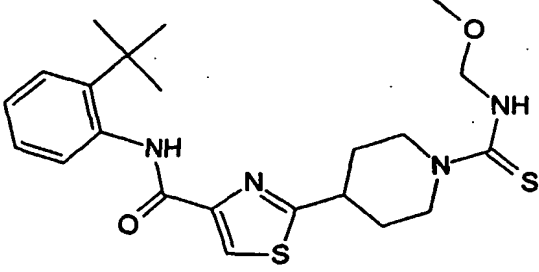
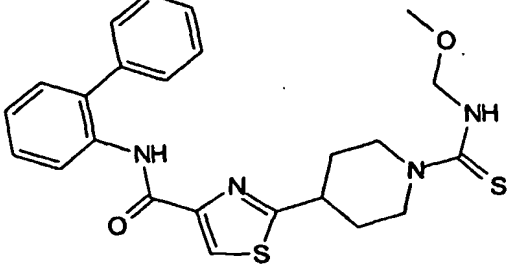
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No.	FORMULA	NMR or mass
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1556		
1557		
1558		

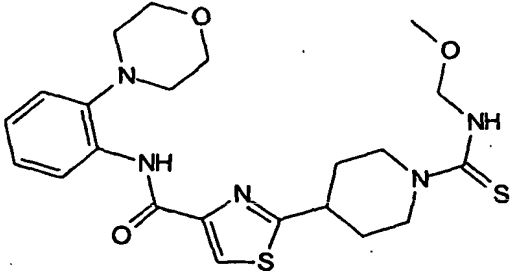
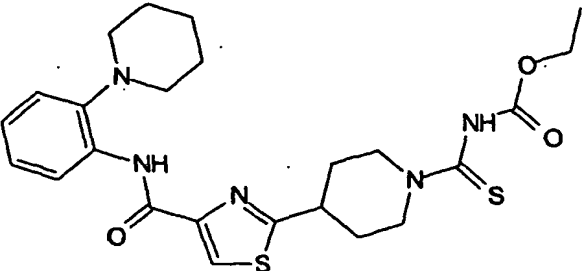
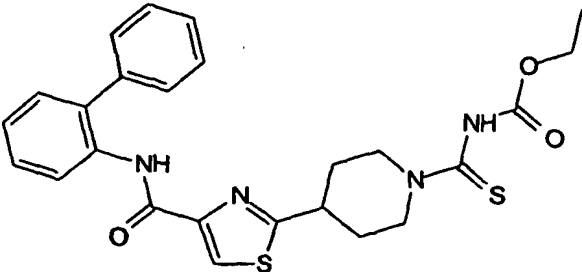
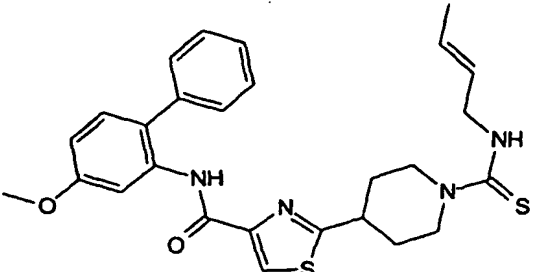
- 562 -

No.	FORMULA	NMR or mass
1559		
1560		
1561		
1562		

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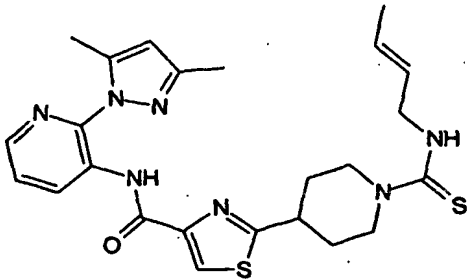
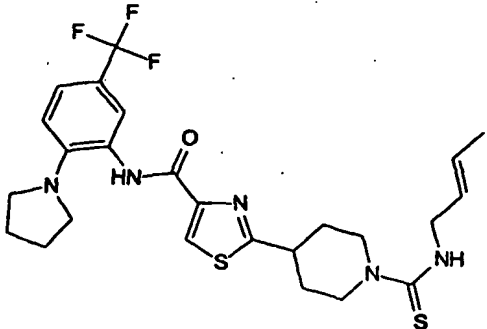
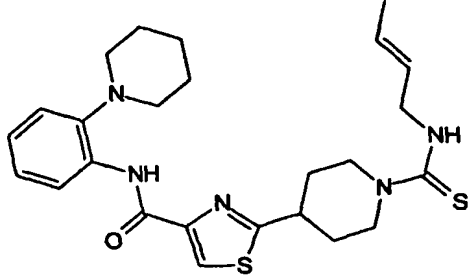
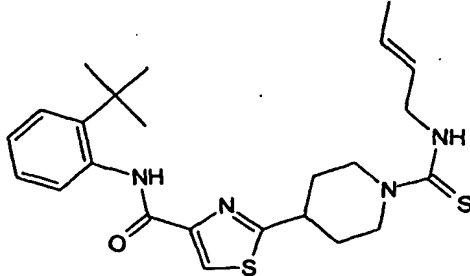
No.	FORMULA	NMR or mass
1563	 <chem>COC(=O)N1CCN(C1)c2cc(sc2C(=O)Nc3ccc(C(F)(F)F)cc3)CS(=O)C</chem>	
1564	 <chem>COC(=O)N1CCN(C1)c2cc(sc2C(=O)Nc3ccccc3)CS(=O)C</chem>	
1565	 <chem>COC(=O)N1CCN(C1)c2cc(sc2C(=O)Nc3cc(C(C)(C)C)ccc3)CS(=O)C</chem>	
1566	 <chem>COC(=O)N1CCN(C1)c2cc(sc2C(=O)Nc3cc(ccc3-c4ccccc4)cc5ccccc5)CS(=O)C</chem>	

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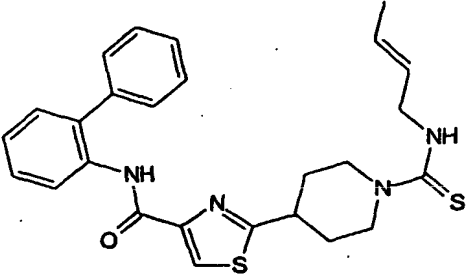
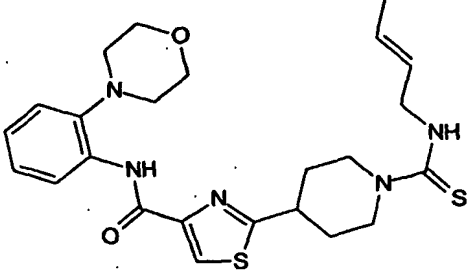
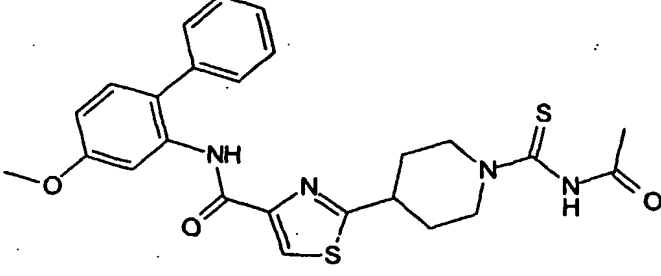
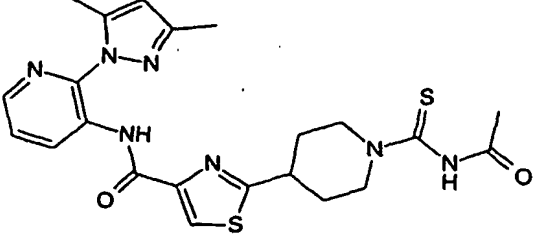
No.	FORMULA	NMR or mass
1567		
1568		
1569		
1570		



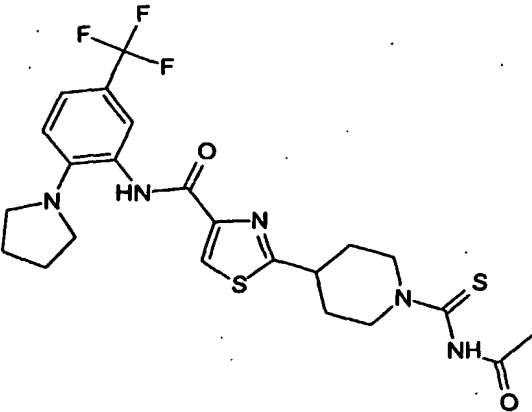
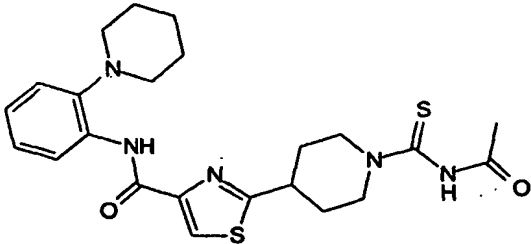
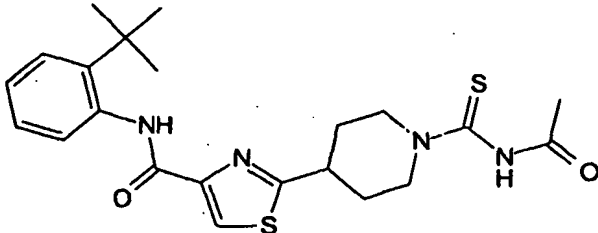
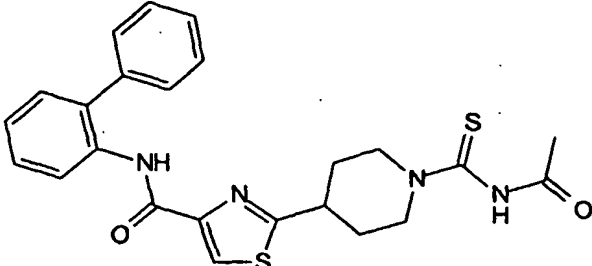
- 565 -

No.	FORMULA	NMR or mass
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1572		
1573		
1574		

- 566 -

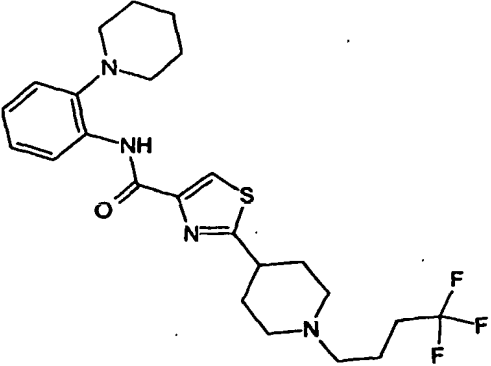
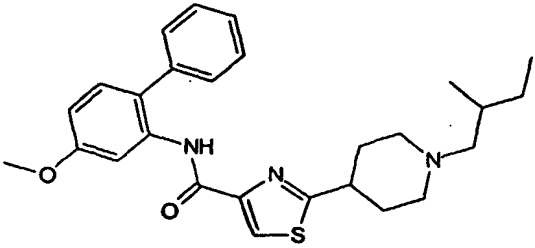
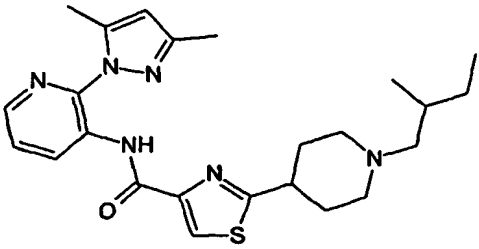
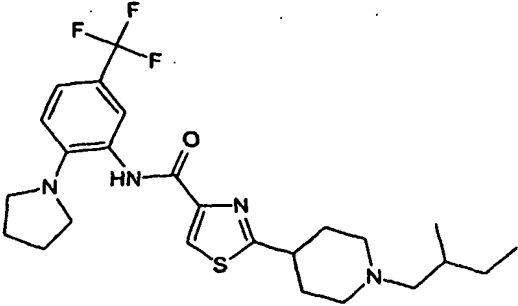
No.	FORMULA	NMR or mass
1575		
1576		
1577		
1578		

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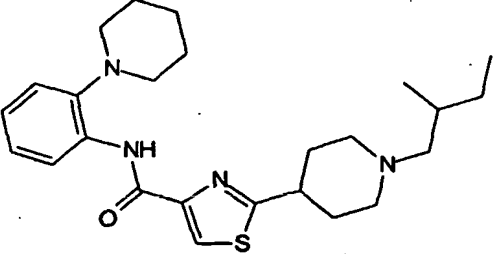
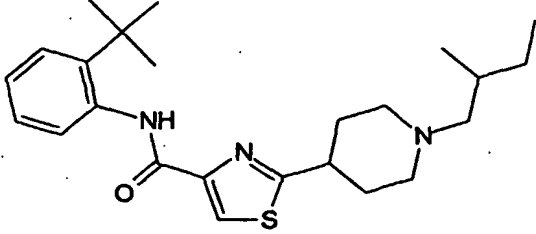
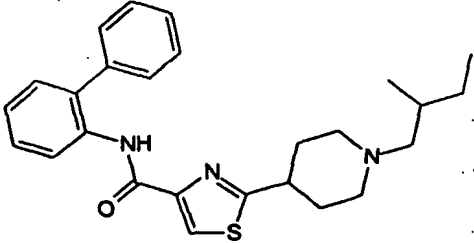
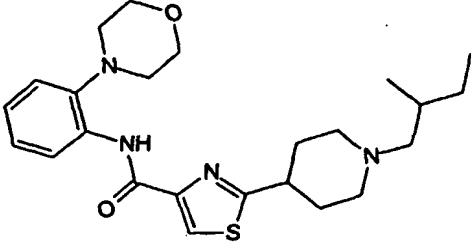
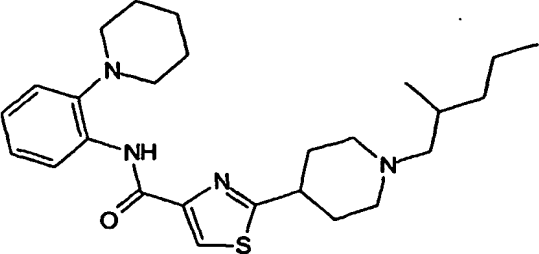
No.	FORMULA	NMR or mass
1579	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1580	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[2-(piperidin-1-yl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1581	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[2-(tert-butyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1582	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[2-phenylphenyl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1583		
1584		
1585		
1586		

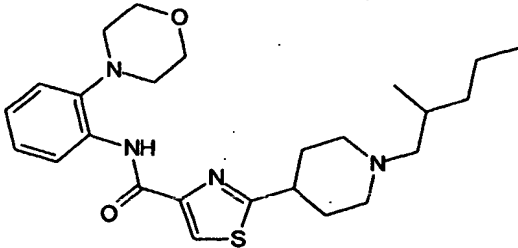
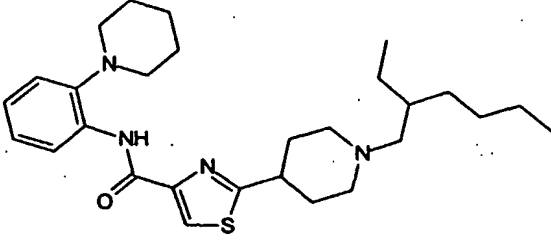
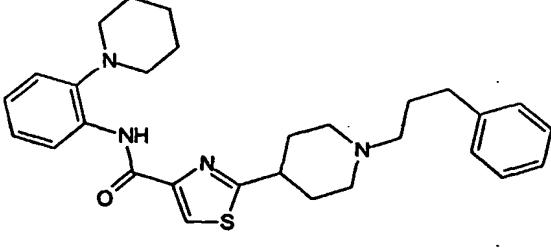
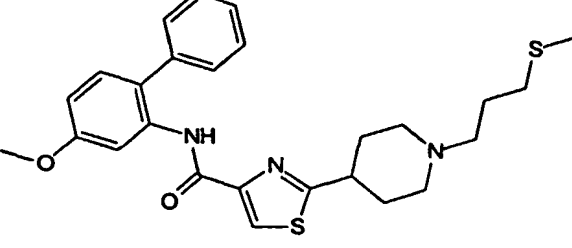
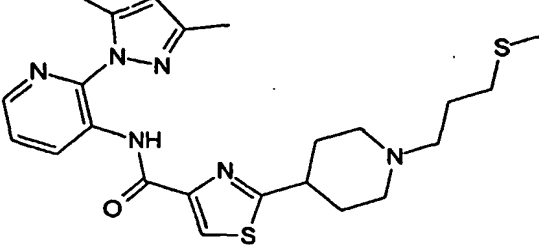
- 569 -

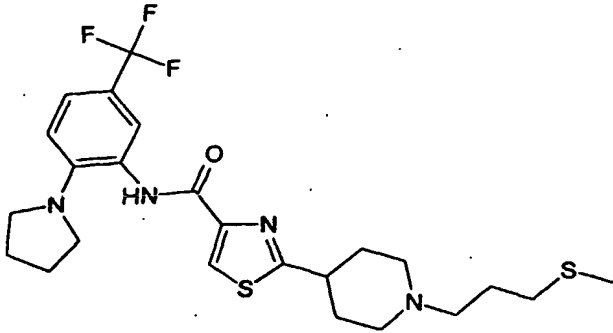
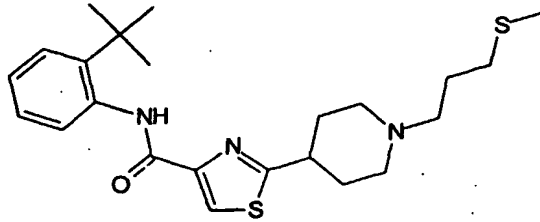
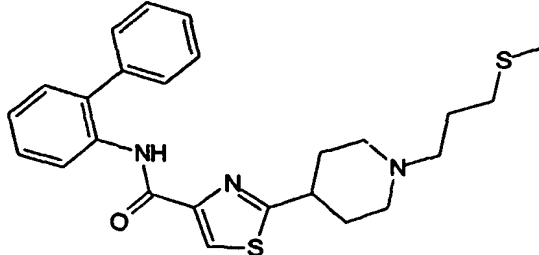
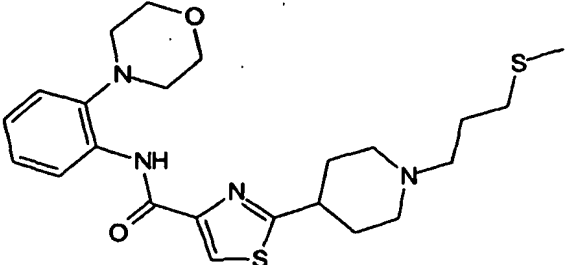
No.	FORMULA	NMR or mass
1587	 <p>N-(2-piperidin-1-ylphenyl)-2-[1-(4,4,4-trifluorobutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1588		
1589		
1590		

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No.	FORMULA	NMR or mass
1591	 <chem>CCCC(C)N1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCCCC4</chem>	
1592	 <chem>CCCC(C)N1CCN(CC1)c2ccsc2C(=O)Nc3cc(C(C)(C)C)ccc3</chem>	
1593	 <chem>CCCC(C)N1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3-c4ccccc4</chem>	
1594	 <chem>CCCC(C)N1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCOCC4</chem>	
1595	 <chem>CCCC(C)CN1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCCCC4</chem>	

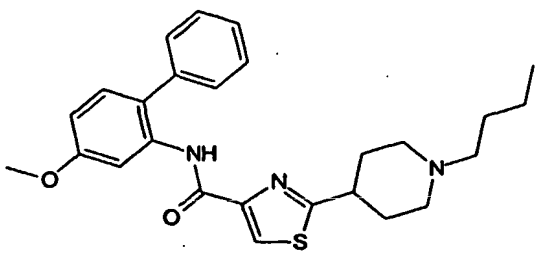
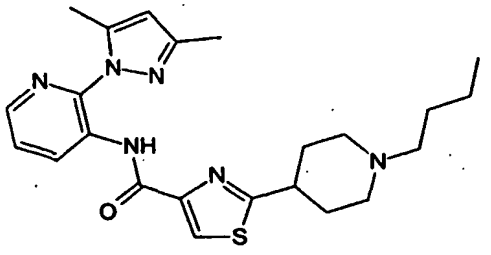
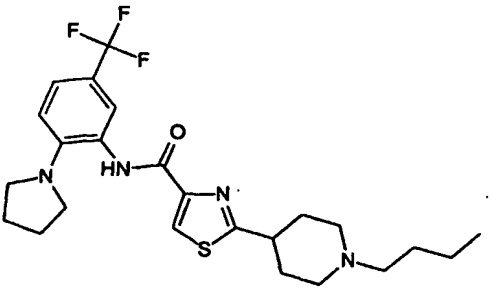
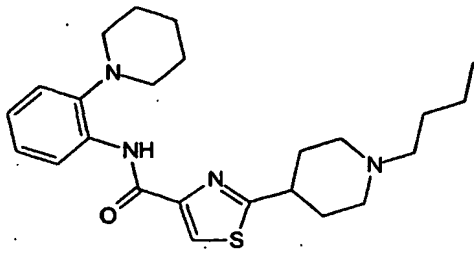
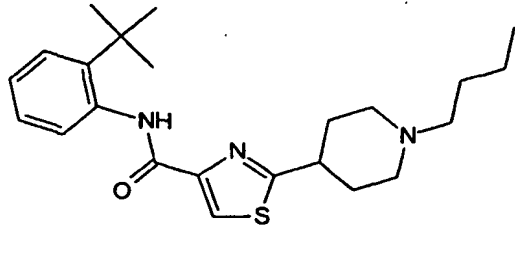
- 571 -

No.	FORMULA	NMR or mass
1596	 <chem>CCCC(C)N1CCN(CC1)c2sc(C(=O)Nc3ccccc3N4CCOCC4)c5ccn5</chem>	
1597	 <chem>CCCC(C)N1CCN(CC1)c2sc(C(=O)Nc3ccccc3N4CCCCC4)c5ccn5</chem>	
1598	 <chem>c1ccccc1CCN1CCN(CC1)c2sc(C(=O)Nc3ccccc3N4CCCCC4)c5ccn5</chem>	
1599	 <chem>CSCCN1CCN(CC1)c2sc(C(=O)Nc3ccc(OC)cc3-c4ccccc4)c5ccn5</chem>	
1600	 <chem>CSCCN1CCN(CC1)c2sc(C(=O)Nc3cc4nc(C)c(C)n4c5ccn35)c6ccn6</chem>	

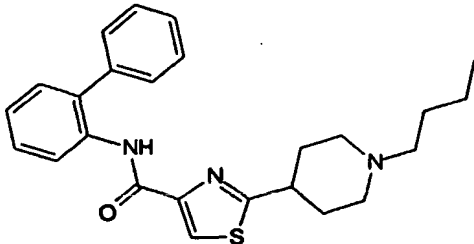
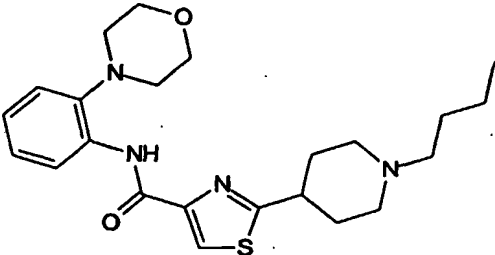
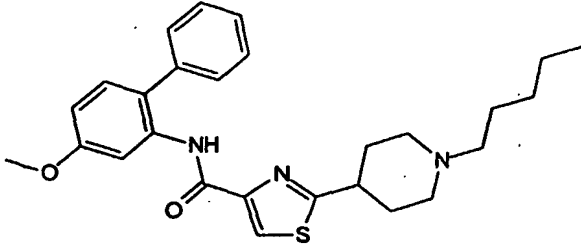
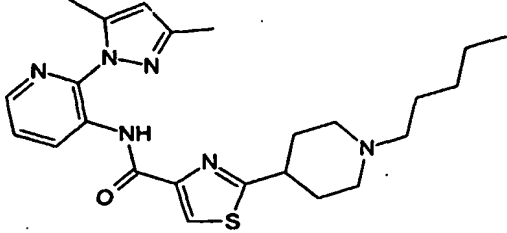
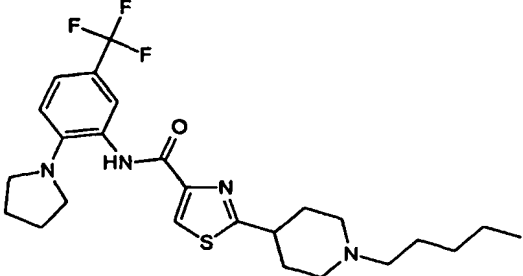
No.	FORMULA	NMR or mass
1601	 <p data-bbox="300 787 1161 850">2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1602		
1603		
1604		



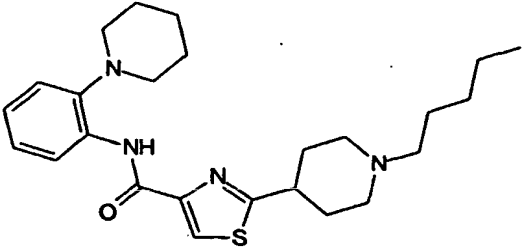
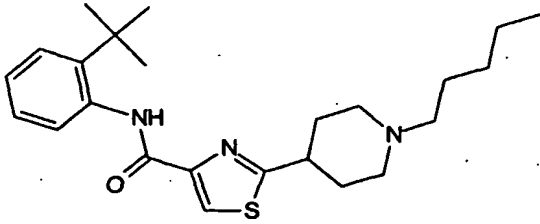
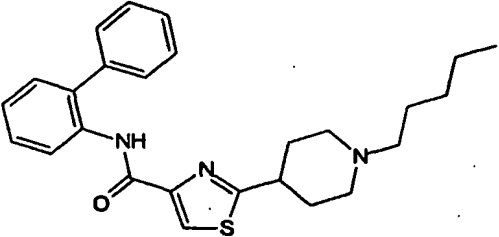
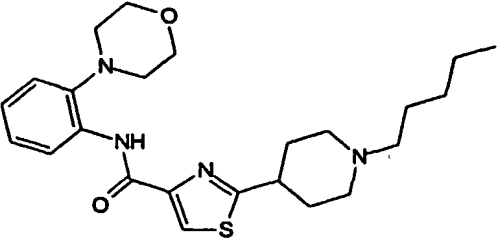
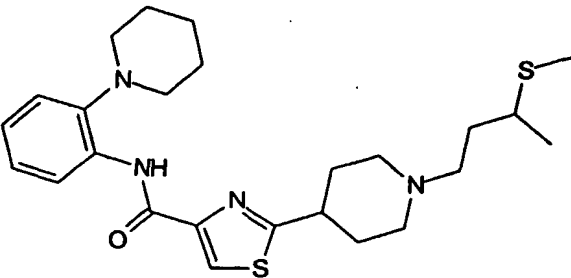
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No.	FORMULA	NMR or mass
1605		
1606		
1607		
1608		
1609		

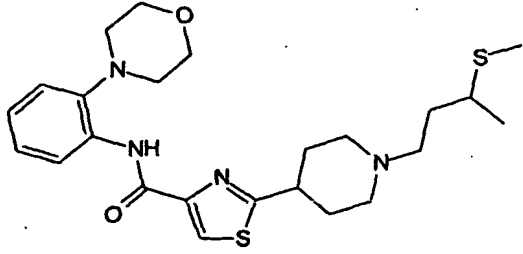
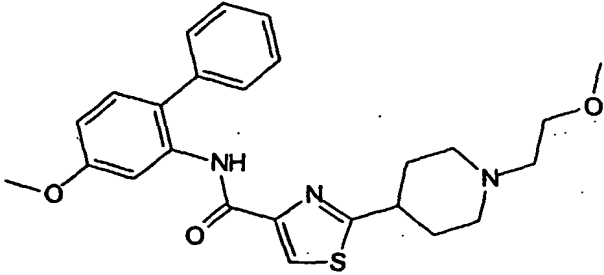
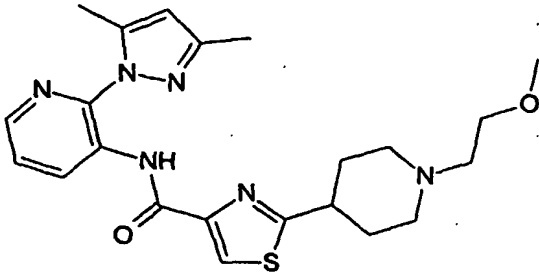
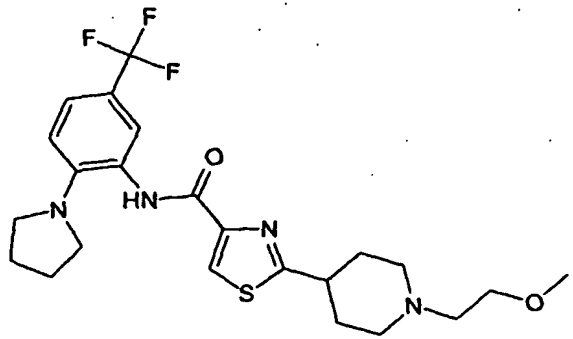
- 574 -

No.	FORMULA	NMR or mass
1610		
1611		
1612		
1613		
1614		

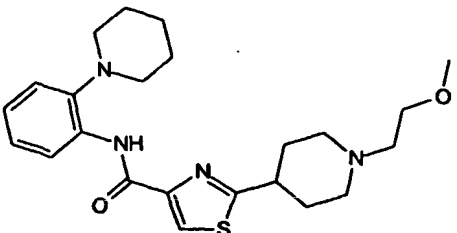
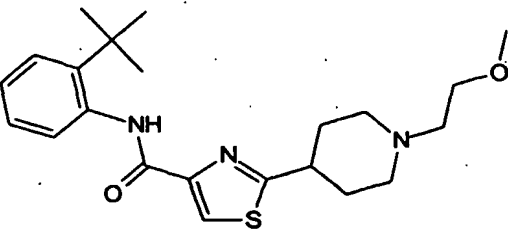
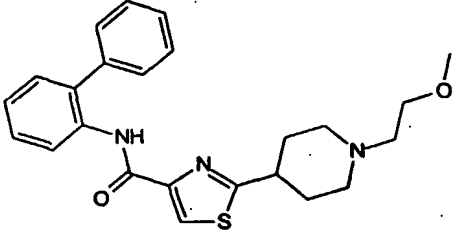
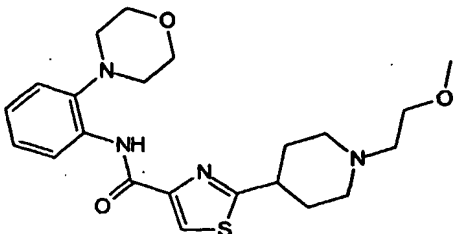
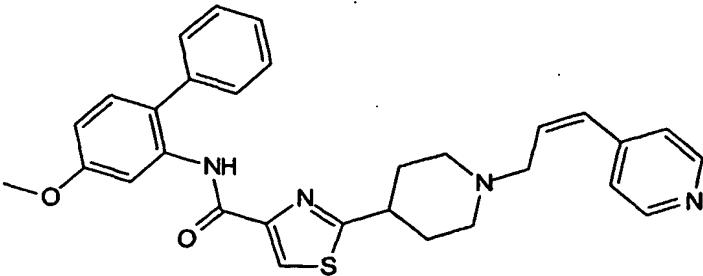
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No.	FORMULA	NMR or mass
1615	 <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3ccccc3N4CCCCC4)s2)CC1</chem>	
1616	 <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3cc(C(C)(C)C)ccc3)s2)CC1</chem>	
1617	 <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3cc(ccc3-c4ccccc4)s2)CC1</chem>	
1618	 <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3ccccc3N4CCOCC4)s2)CC1</chem>	
1619	 <chem>CCSCC[N+]1([O-])CC[C@H](c2nc(C(=O)Nc3ccccc3N4CCCCC4)s2)CC1</chem>	

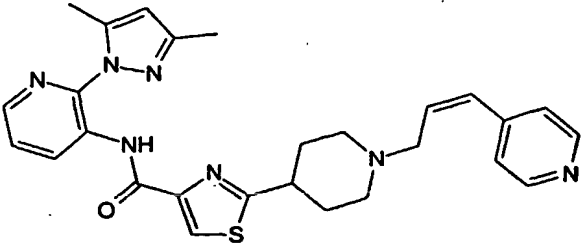
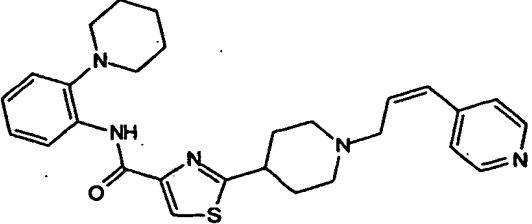
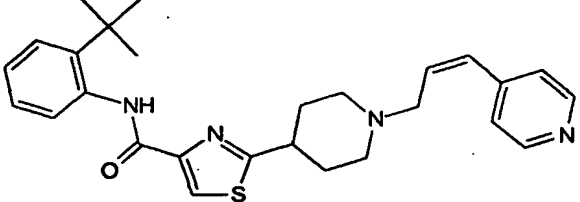
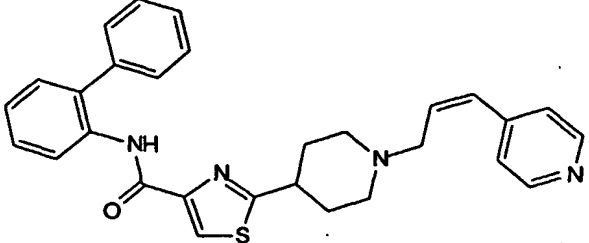
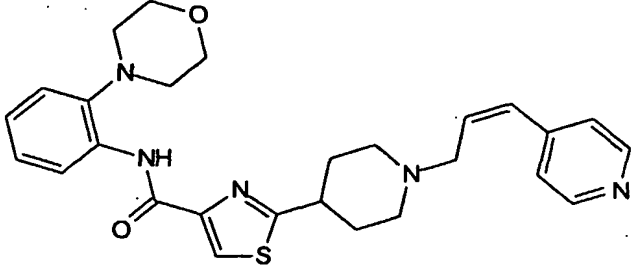
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No.	FORMULA	NMR or mass
1620		
1621		
1622		
1623		

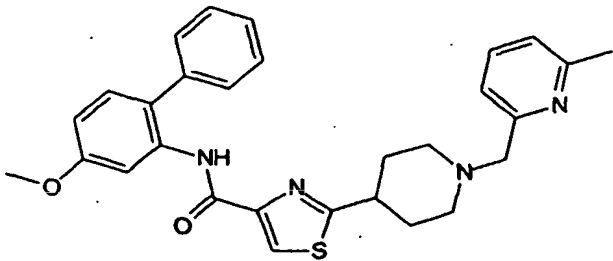
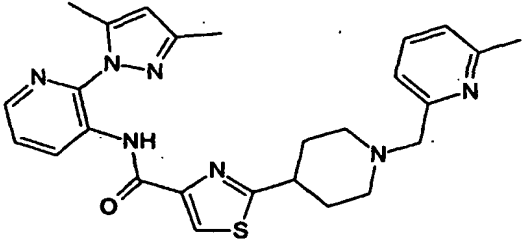
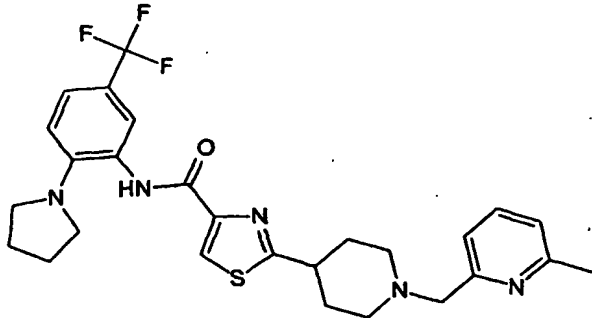
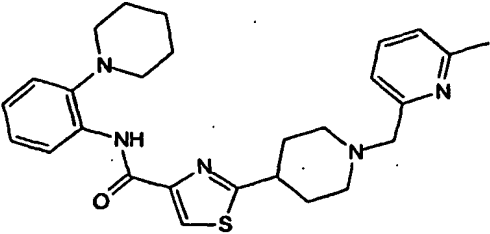
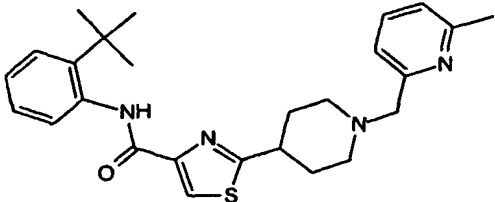
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No.	FORMULA	NMR or mass
1624		
1625		
1626		
1627		
1628		

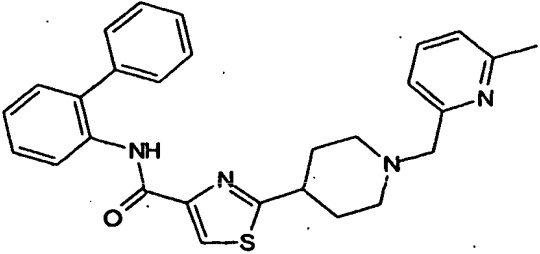
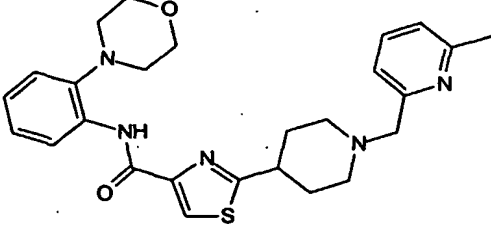
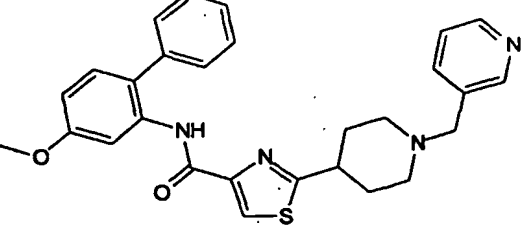
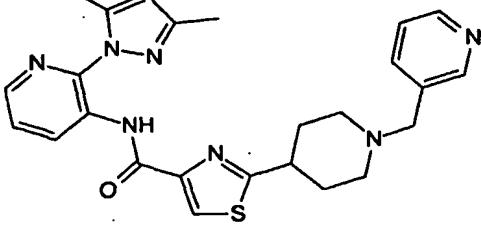
- 578 -

No.	FORMULA	NMR or mass
1629		
1630		
1631		
1632		
1633		

- 579 -

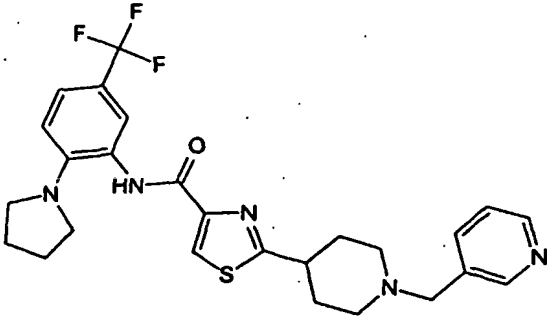
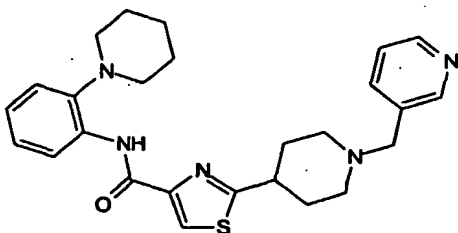
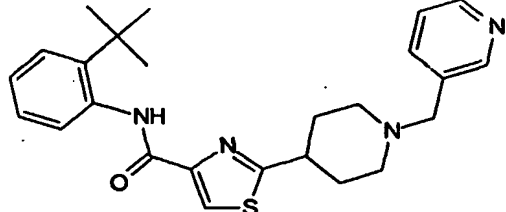
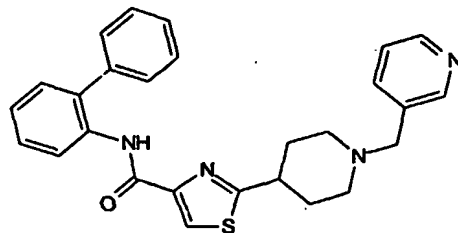
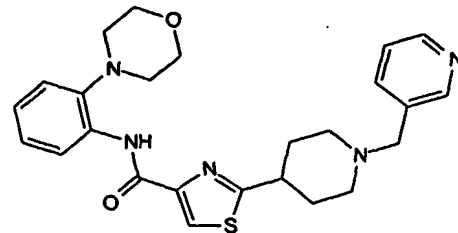
No.	FORMULA	NMR or mass
1634		
1635		
1636		
1637		
1638		

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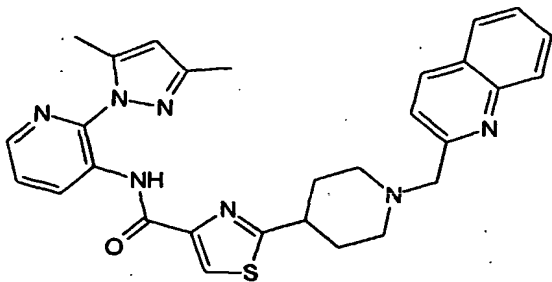
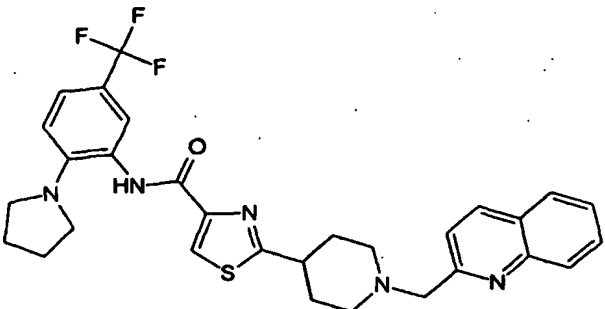
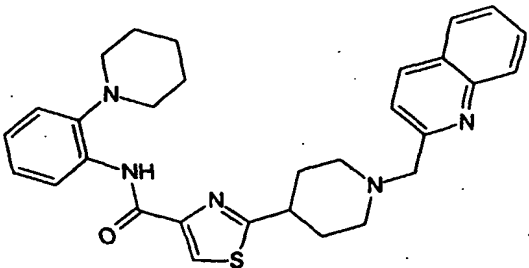
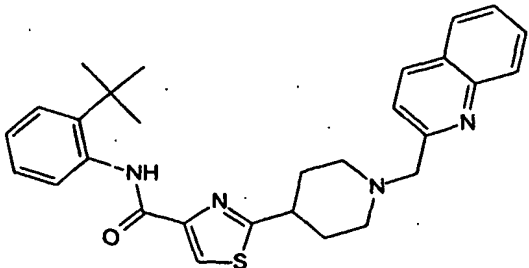
No.	FORMULA	NMR or mass
1639		
1640		
1641		
1642		



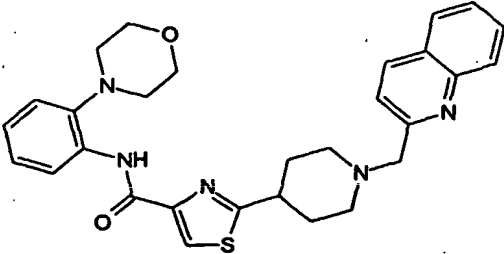
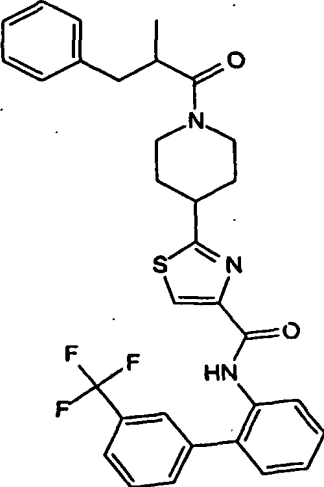
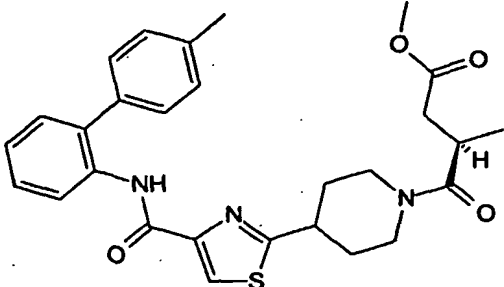
- 581 -

No.	FORMULA	NMR or mass
1643		
1644		
1645		
1646		
1647		

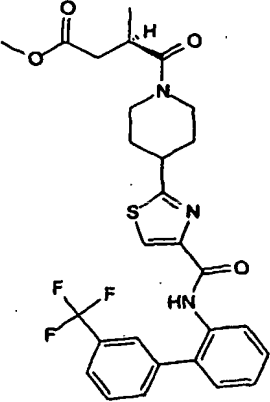
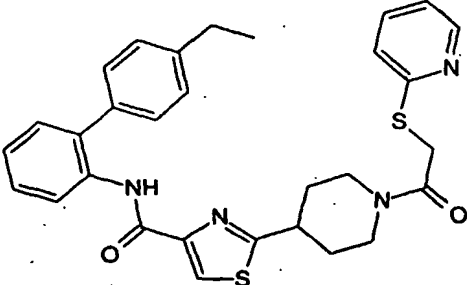
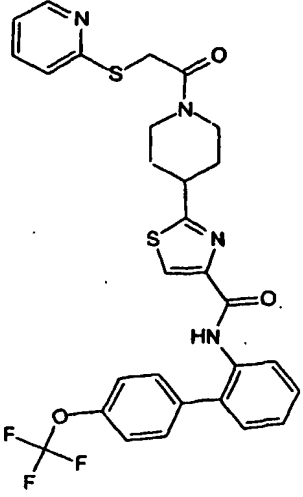
- 582 -

No.	FORMULA	NMR or mass
1648		
1649		
1650		
1651		

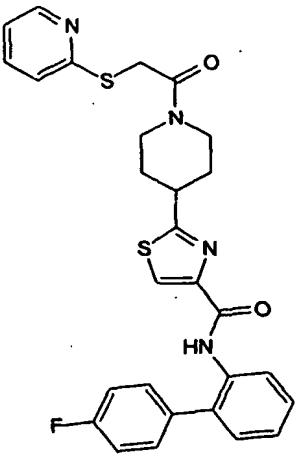
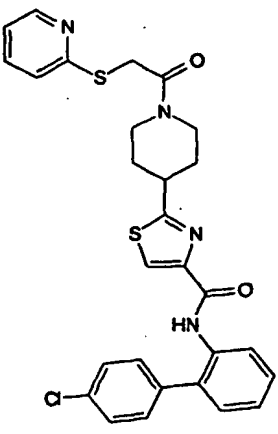
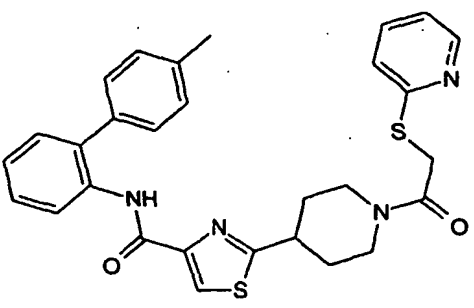
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No.	FORMULA	NMR or mass
1652		
1653		
1654		

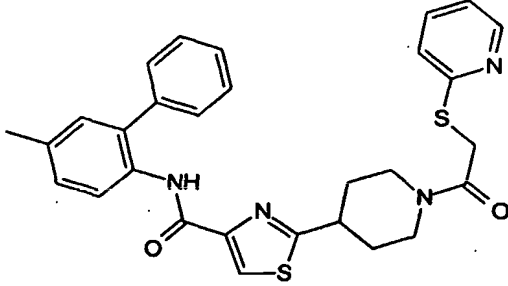
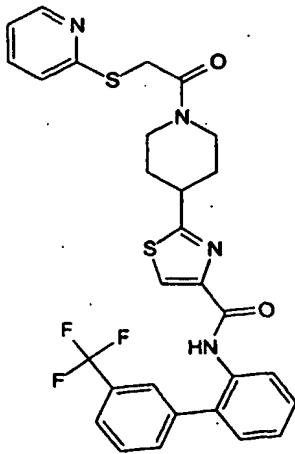
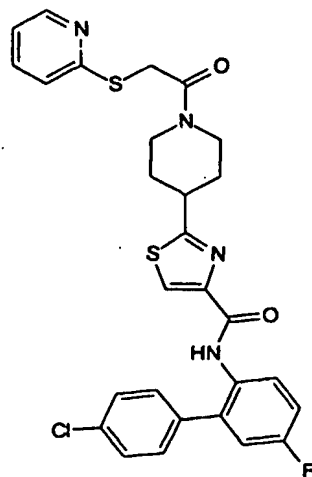
- 584 -

No.	FORMULA	NMR or mass
1655	 <p data-bbox="284 819 1136 882">methyl (3R)-3-methyl-4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]-amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
1656		
1657	 <p data-bbox="284 1806 1193 1869">2-[1-({[pyridin-2-ylthio]acetyl]piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

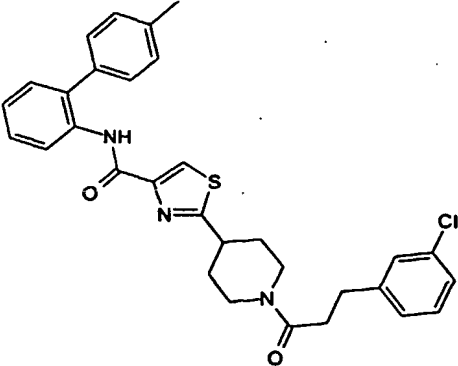
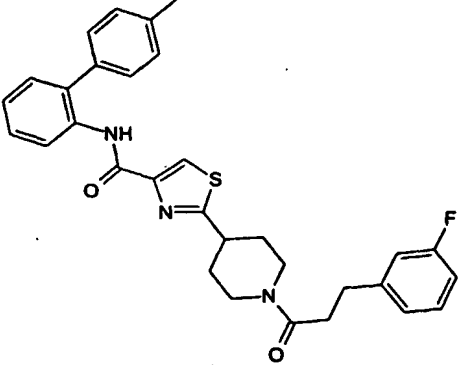
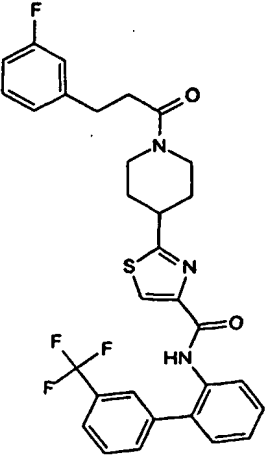
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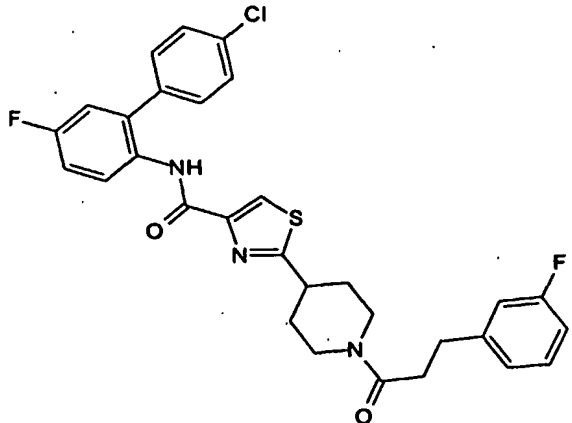
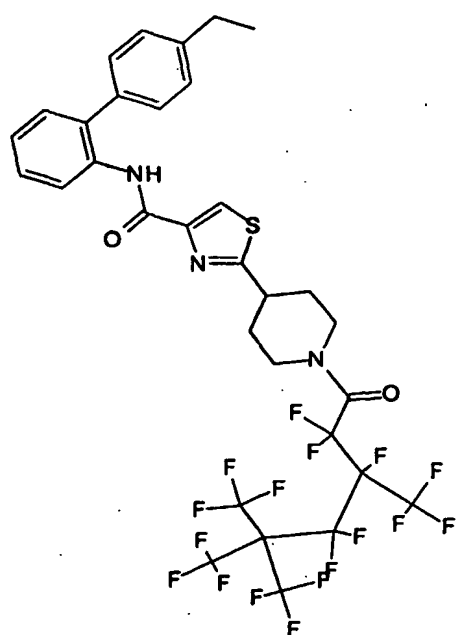
No.	FORMULA	NMR or mass
1658	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1659	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1660		

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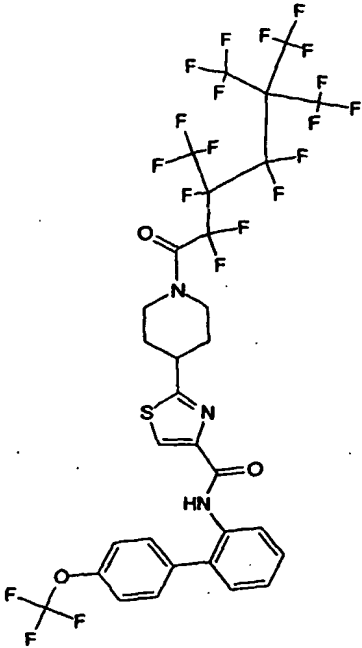
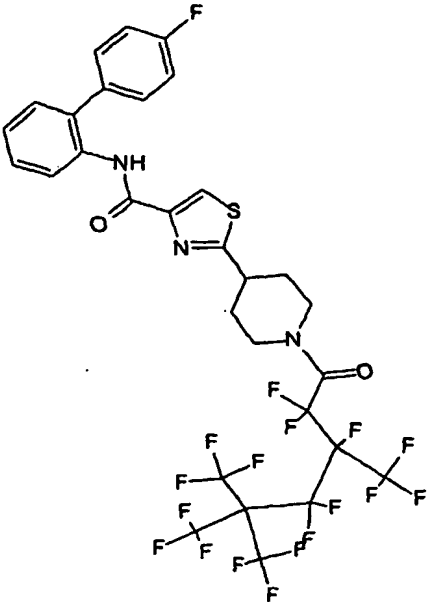
No.	FORMULA	NMR or mass
1661		
1662	 <p data-bbox="305 1249 1226 1312">2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1663	 <p data-bbox="305 1848 1226 1911">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

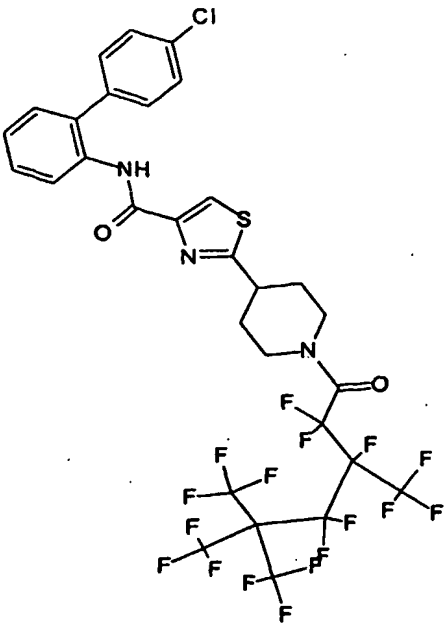
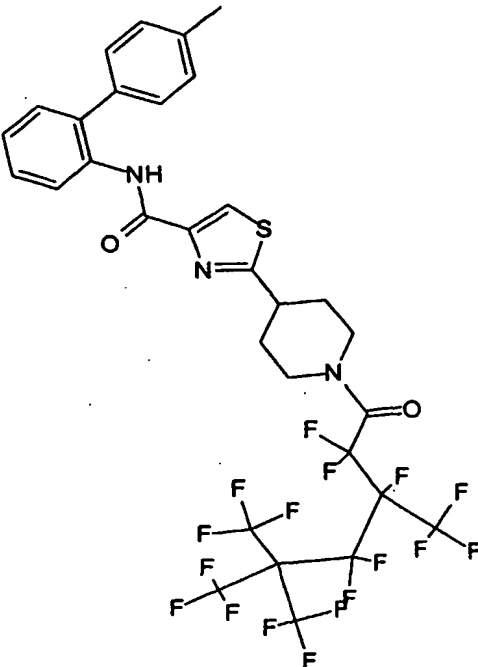
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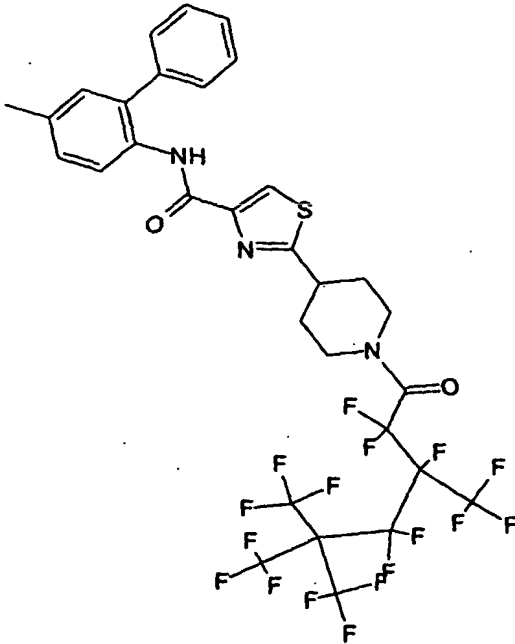
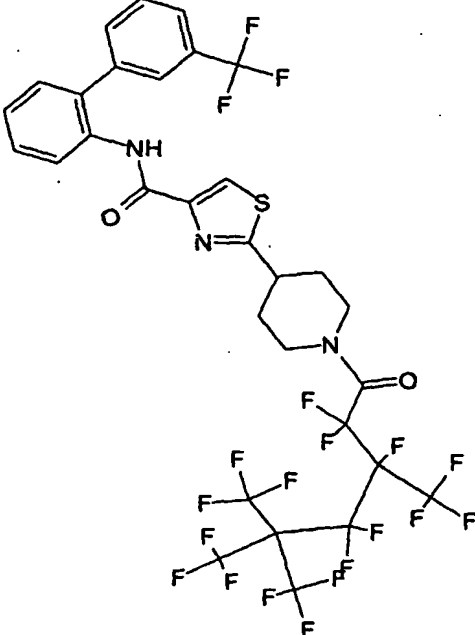
No.	FORMULA	NMR or mass
1664	 <p data-bbox="293 793 1214 852">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1665	 <p data-bbox="293 1287 1214 1346">2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1666	 <p data-bbox="293 1850 1143 1908">2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1667	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3-fluorophenyl)propanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1668	 <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

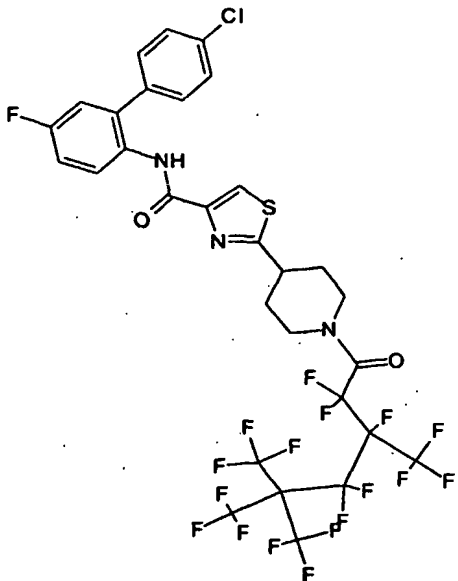
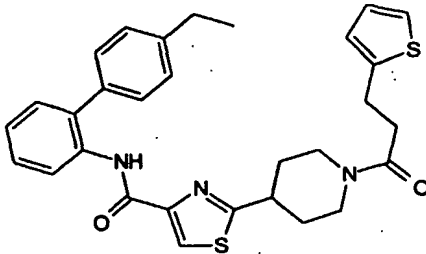
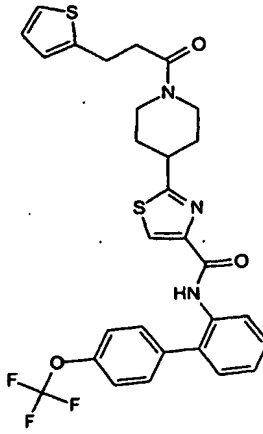


No.	FORMULA	NMR or mass
1669	 <p>2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1670	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

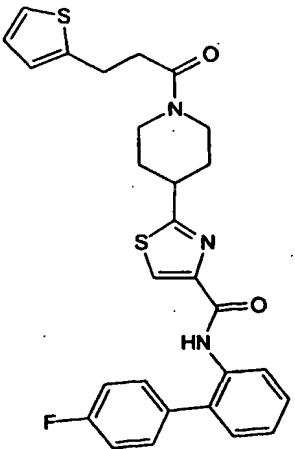
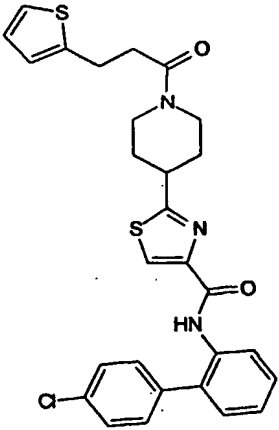
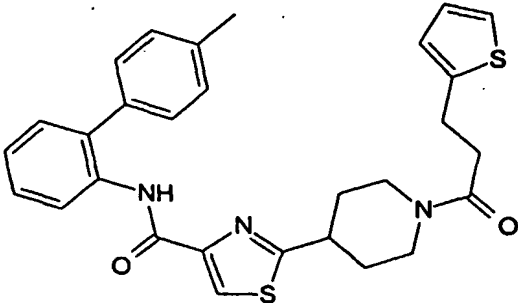
No.	FORMULA	NMR or mass
1671	 <p data-bbox="297 1039 1209 1098">N-(4'-chlorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1672	 <p data-bbox="297 1816 1209 1875">N-(4'-methylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

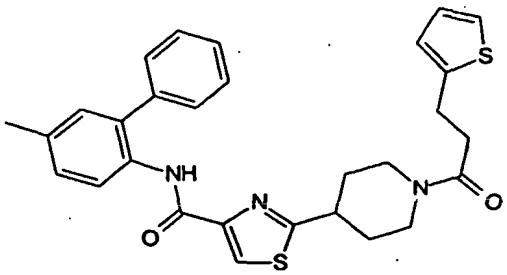
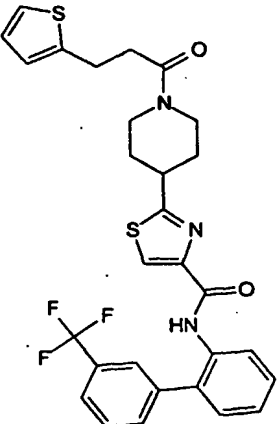
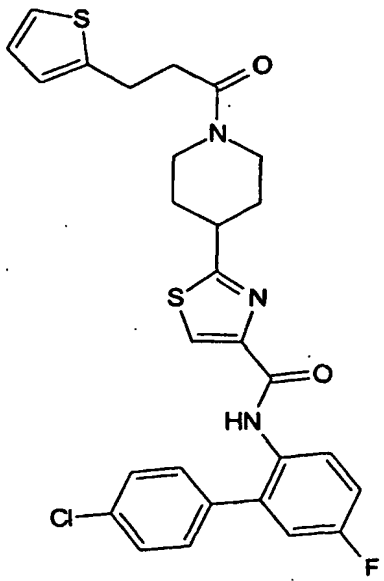
No.	FORMULA	NMR or mass
1673	 <p data-bbox="272 1039 1185 1094">N-(5-methylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1674	 <p data-bbox="280 1795 1182 1850">2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

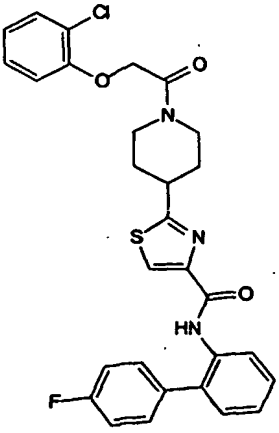
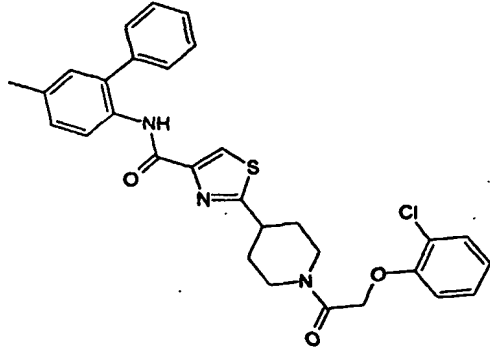
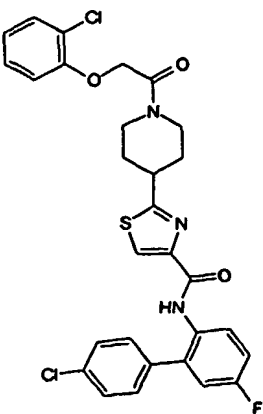
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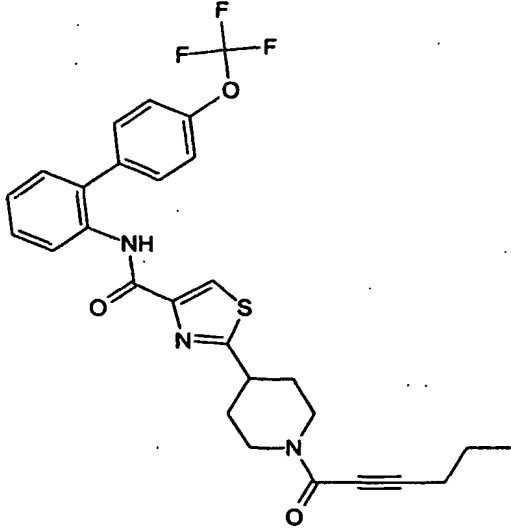
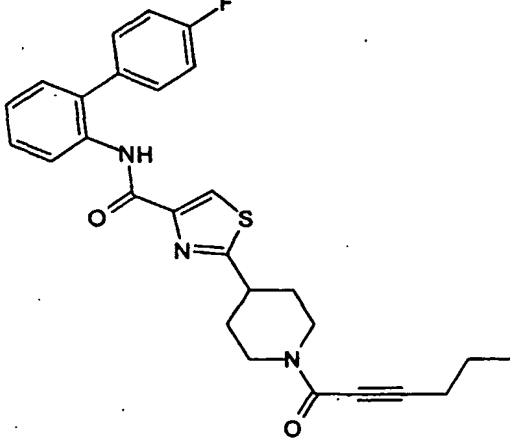
No.	FORMULA	NMR or mass
1675	 <p data-bbox="292 997 1161 1060">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1676		
1677	 <p data-bbox="300 1827 1201 1890">2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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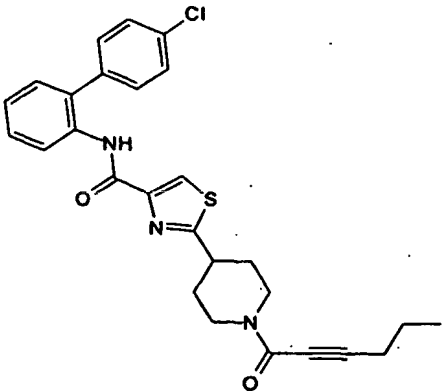
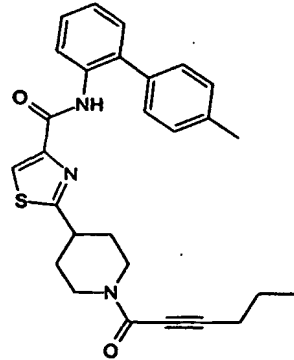
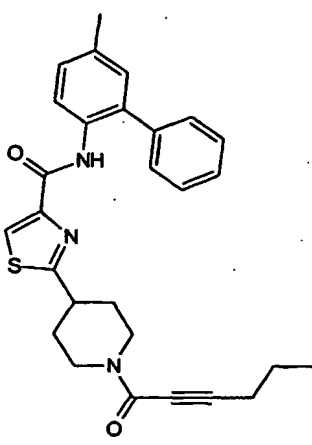
No.	FORMULA	NMR or mass
1678	 <p data-bbox="289 884 1161 940">N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1679	 <p data-bbox="289 1438 1166 1495">N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1680		

No.	FORMULA	NMR or mass
1681		
1682	 <p data-bbox="289 1144 1214 1207">2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1683		

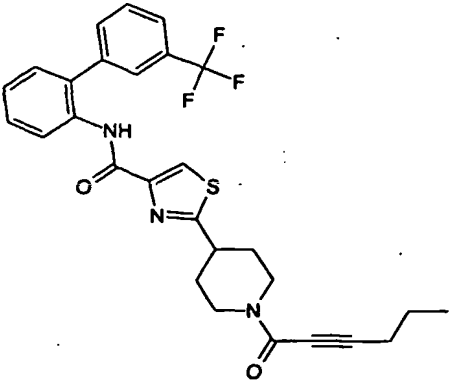
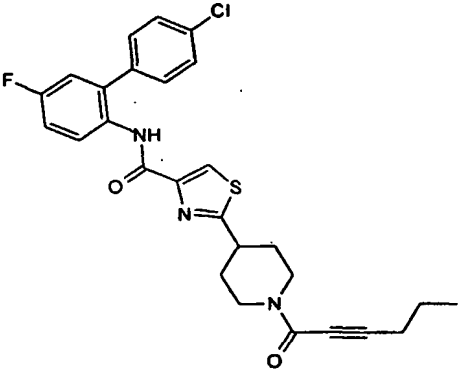
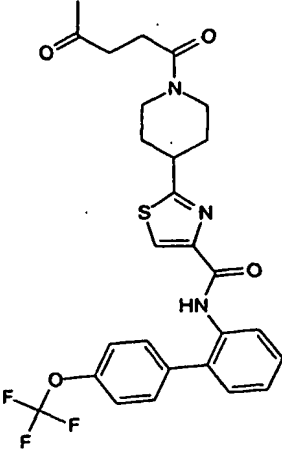
No.	FORMULA	NMR or mass
1684	 2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide	
1685	 2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide	
1686	 N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide	

No.	FORMULA	NMR or mass
1687	 <p data-bbox="280 993 1153 1056">2-(1-hex-2-ynoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1688	 <p data-bbox="280 1633 1136 1696">N-(4'-fluorobiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

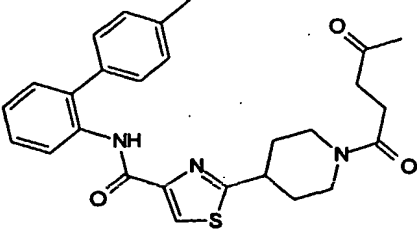
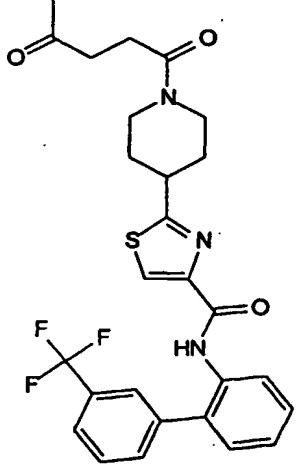
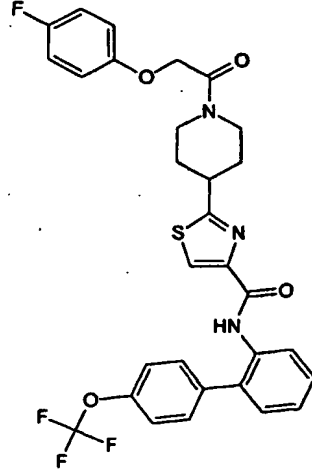


No.	FORMULA	NMR or mass
1689	 <p data-bbox="305 814 1169 871">N-(4'-chlorobiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1690	 <p data-bbox="305 1312 1169 1365">2-(1-hex-2-ynoylpiperidin-4-yl)-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1691	 <p data-bbox="305 1848 1169 1900">2-(1-hex-2-ynoylpiperidin-4-yl)-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

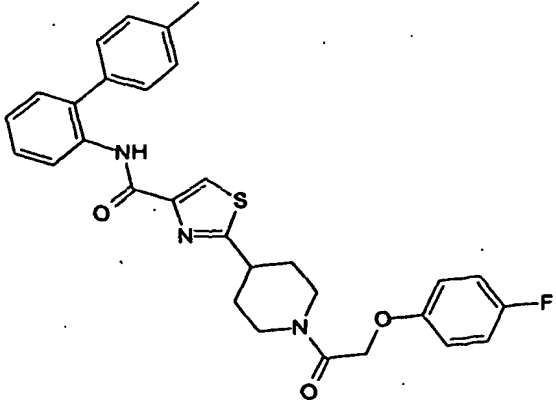
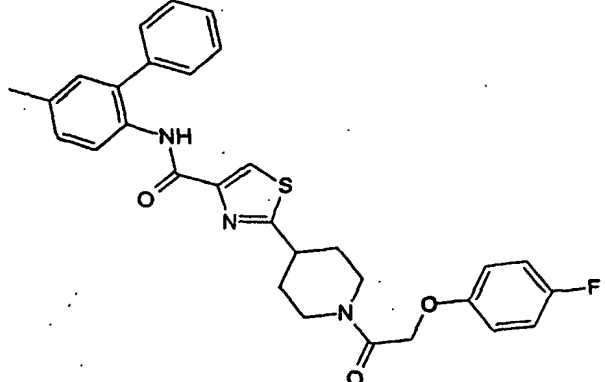
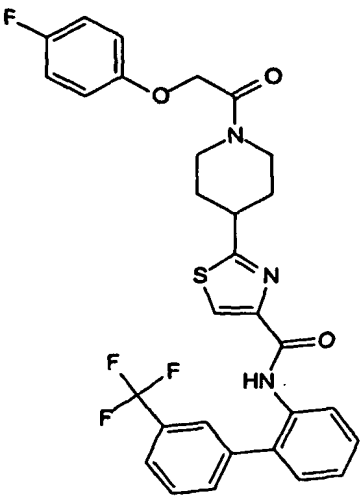
- 598 -

No.	FORMULA	NMR or mass
1692	 <p data-bbox="302 800 1149 856">2-(1-hex-2-ynoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1693	 <p data-bbox="302 1293 1138 1350">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1694	 <p data-bbox="302 1854 1182 1911">2-[1-(4-oxopentanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

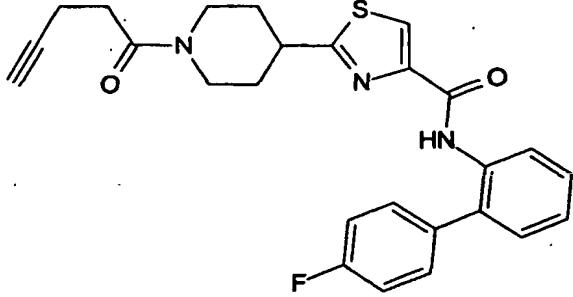
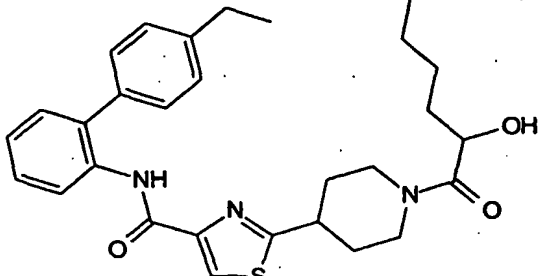
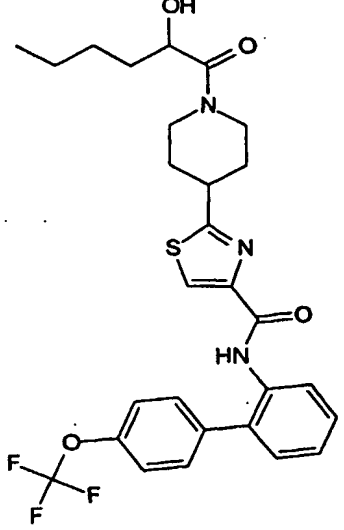
- 599 -

No.	FORMULA	NMR or mass
1695		
1696	 <p data-bbox="300 1228 1209 1281">2-[1-(4-oxopentanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1697	 <p data-bbox="300 1827 1120 1879">2-[1-[(4-fluorophenoxy)acetyl]piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

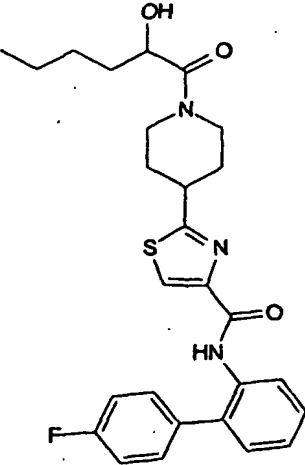
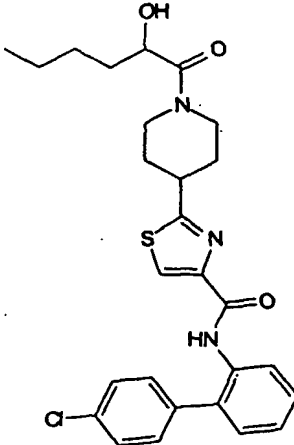
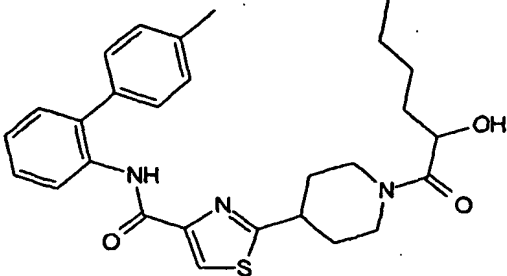
- 600 -

No.	FORMULA	NMR or mass
1698	 <chem>Cc1ccc(cc1)NC(=O)c2nc(s2)C3CCN(CC3)C(=O)COc4ccc(F)cc4</chem>	
1699	 <chem>Cc1ccc(cc1)NC(=O)c2nc(s2)C3CCN(CC3)C(=O)COc4ccc(F)cc4</chem>	
1700	 <chem>Fc1ccc(cc1)COC(=O)N2CCN(CC2)c3nc(s3)C(=O)Nc4ccccc4-c5ccccc5C(F)(F)F</chem>	

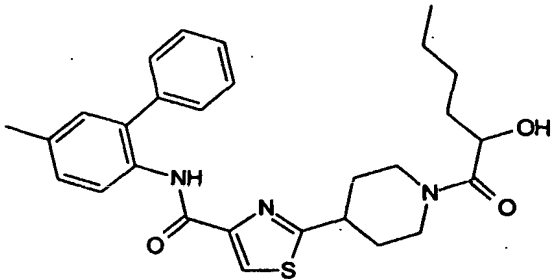
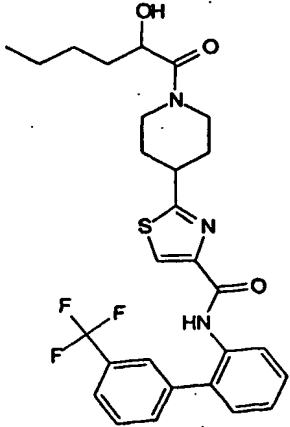
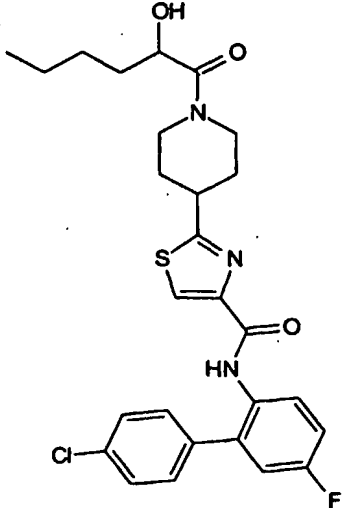
- 601 -

No.	FORMULA	NMR or mass
1701		
1702		
1703		

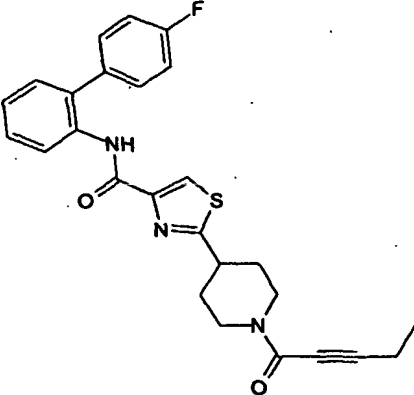
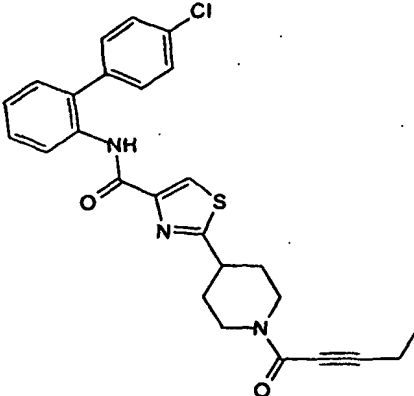
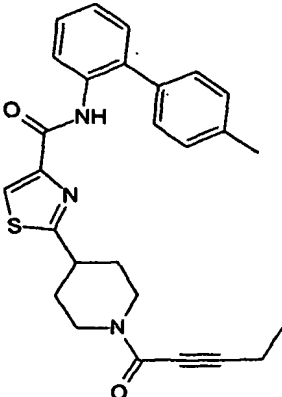
- 602 -

No.	FORMULA	NMR or mass
1704	 <p data-bbox="282 898 1112 961">N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1705	 <p data-bbox="282 1480 1112 1543">N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1706		

- 603 -

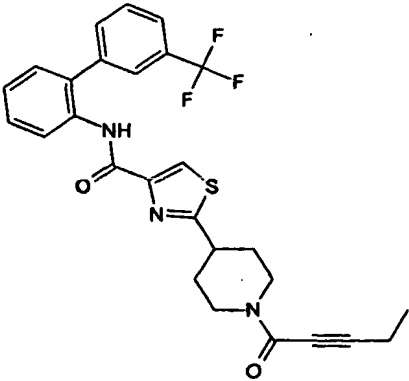
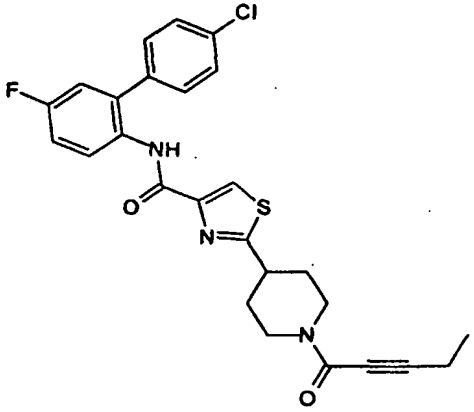
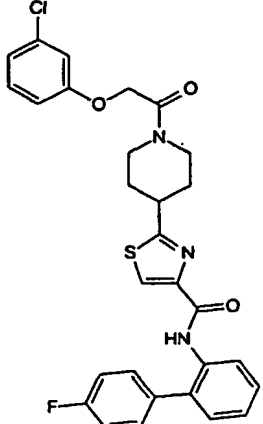
No.	FORMULA	NMR or mass
1707		
1708	 <p data-bbox="305 1203 1208 1262">2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1709	 <p data-bbox="305 1854 1208 1913">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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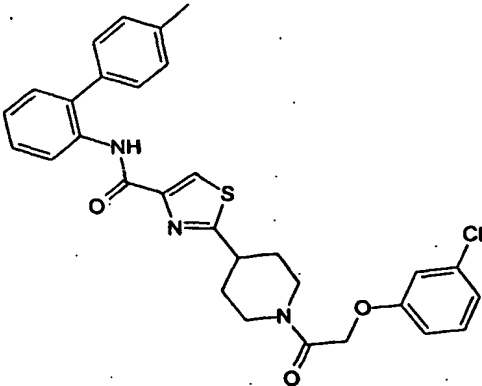
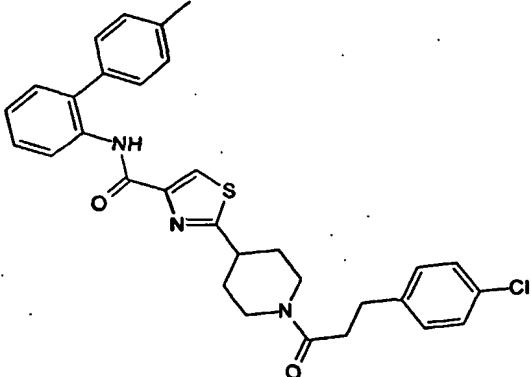
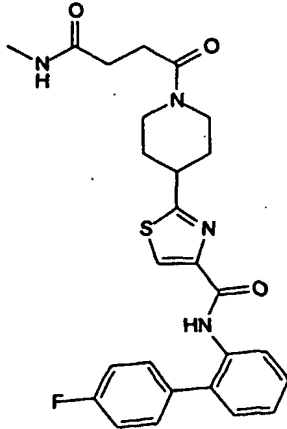
No.	FORMULA	NMR or mass
1710	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1711	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1712	 <p>N-(4'-methylbiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	



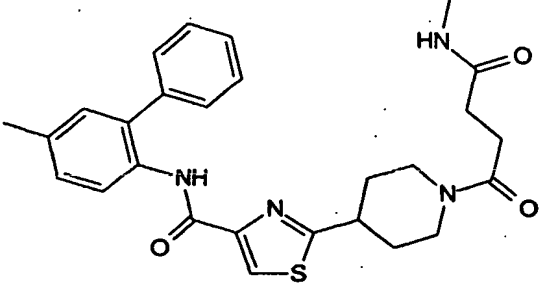
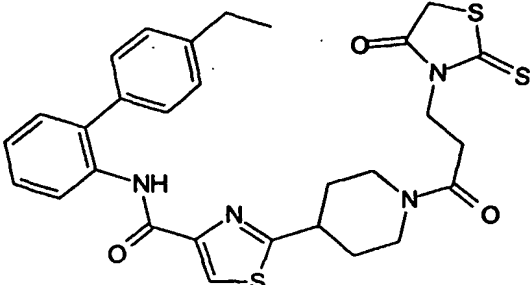
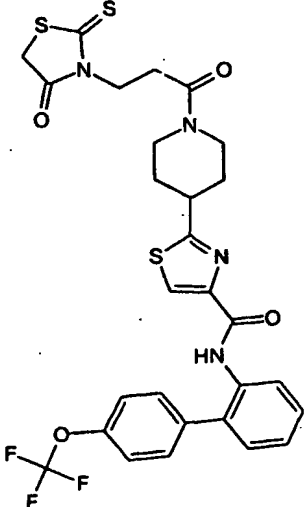
- 605 -

No.	FORMULA	NMR or mass
1713	 <p data-bbox="300 808 1161 861">2-(1-pent-2-ynoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1714	 <p data-bbox="300 1323 1161 1375">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1715	 <p data-bbox="300 1858 1209 1911">2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

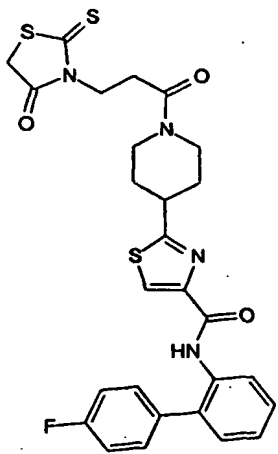
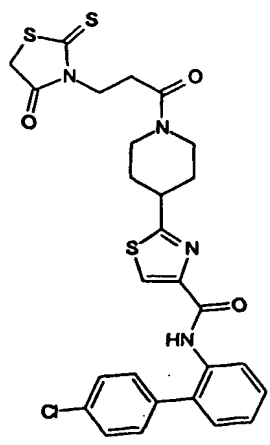
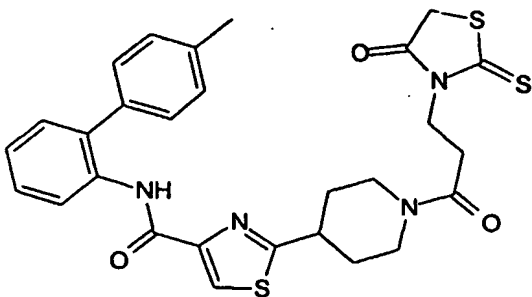
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No.	FORMULA	NMR or mass
1716	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1717	 <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1718	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[4-(methylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

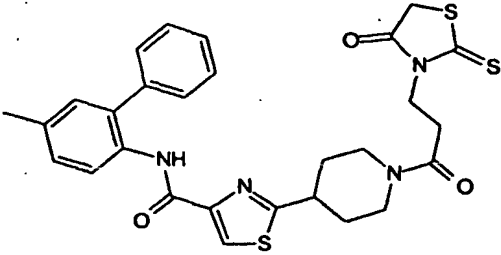
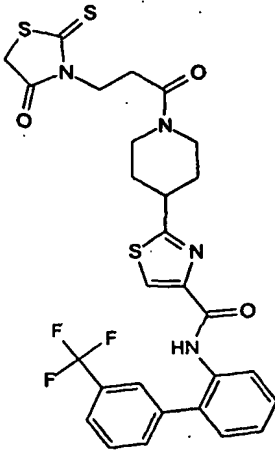
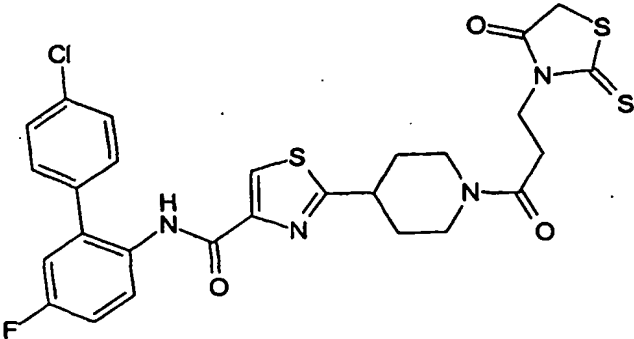
- 607 -

No.	FORMULA	NMR or mass
1719		
1720		
1721		<p data-bbox="295 1768 1172 1827">2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>

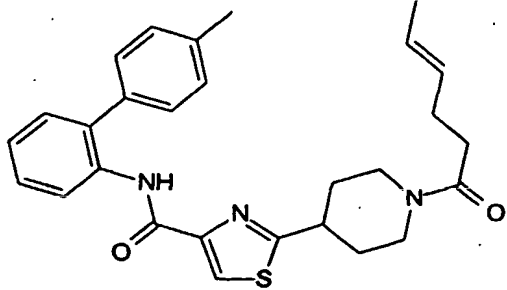
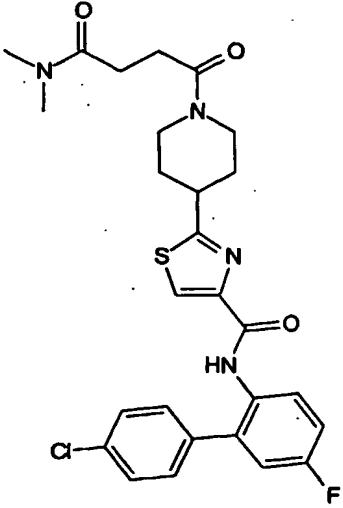
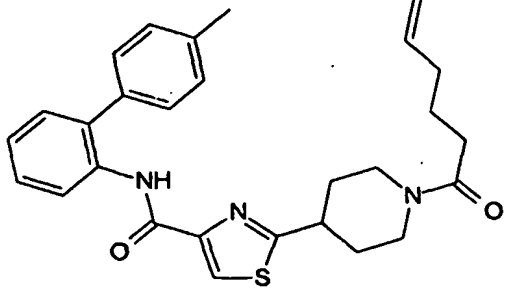
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No.	FORMULA	NMR or mass
1722	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1723	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1724		

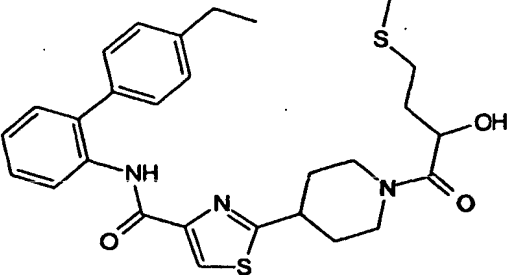
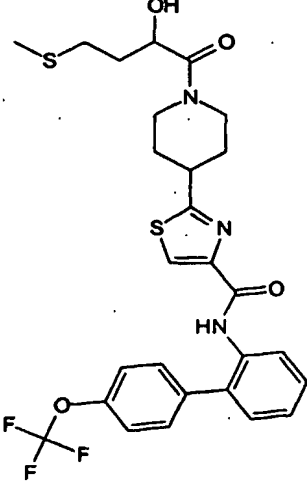
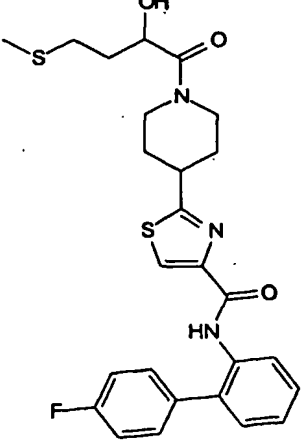
- 609 -

No.	FORMULA	NMR or mass
1725		
1726	 <p data-bbox="297 1192 1182 1255">2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1727		

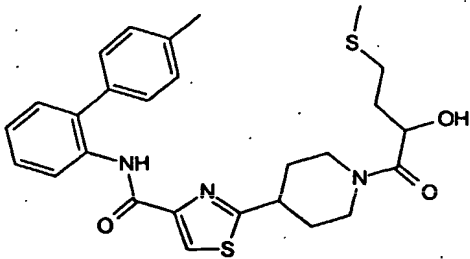
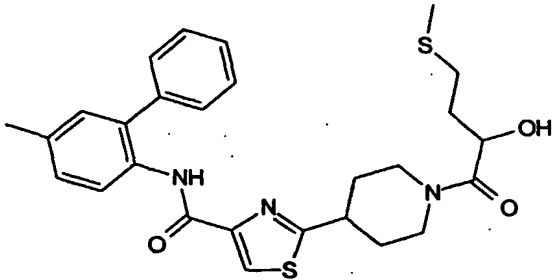
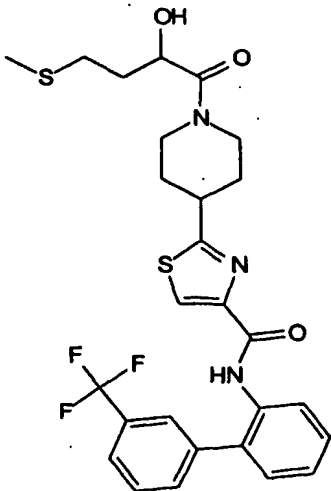
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No.	FORMULA	NMR or mass
1728		
1729	 <p data-bbox="289 1310 1192 1373">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[4-(dimethylamino)-4-oxobutanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1730		

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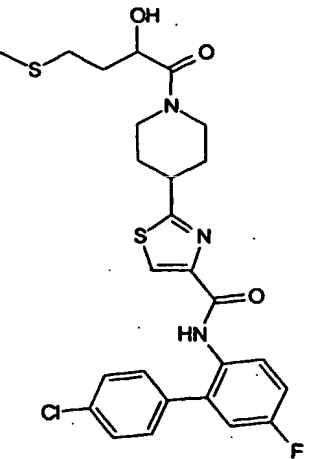
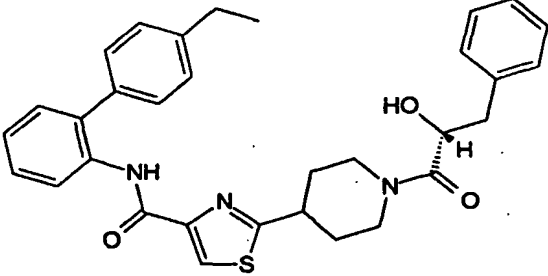
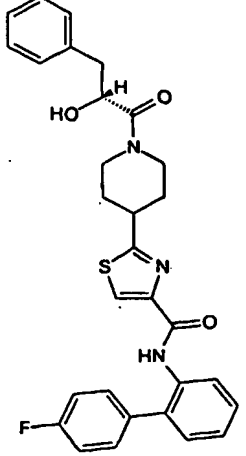
No.	FORMULA	NMR or mass
1731		
1732	 <p data-bbox="305 1270 1128 1333">2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1733	 <p data-bbox="305 1848 1218 1911">N-(4'-fluorobiphenyl-2-yl)-2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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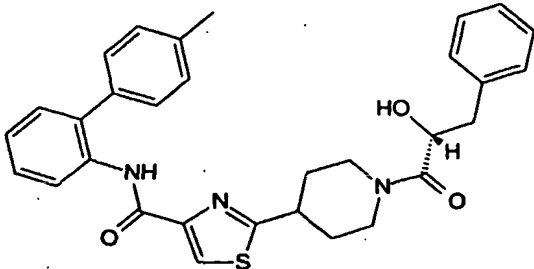
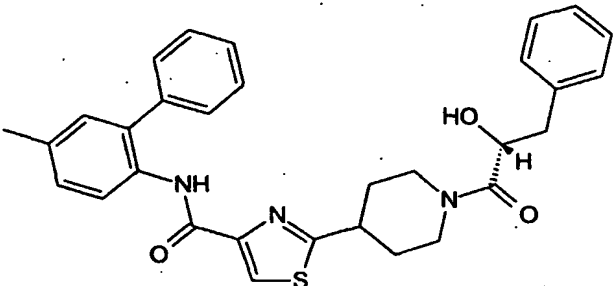
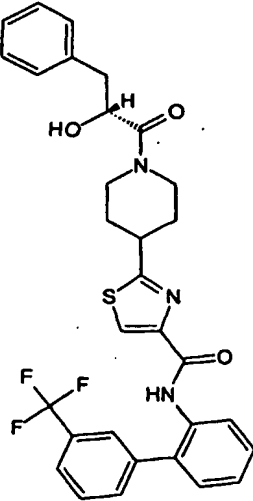
No.	FORMULA	NMR or mass
1734		
1735		
1736	 <p data-bbox="284 1575 1209 1648">2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	



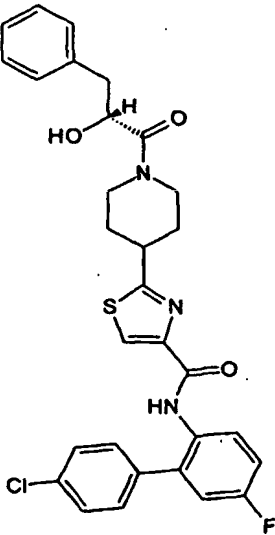
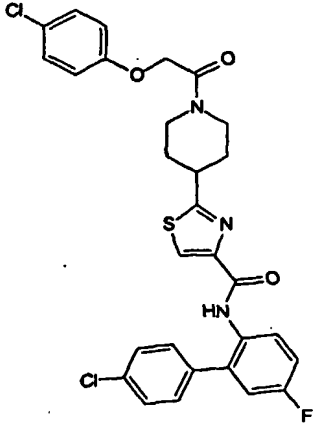
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No.	FORMULA	NMR or mass
1737	 <p data-bbox="300 892 1209 955">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1738		
1739	 <p data-bbox="300 1837 1209 1900">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

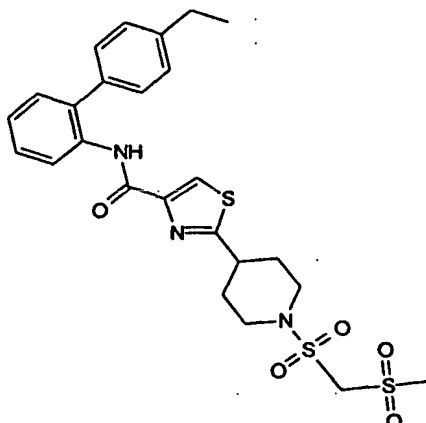
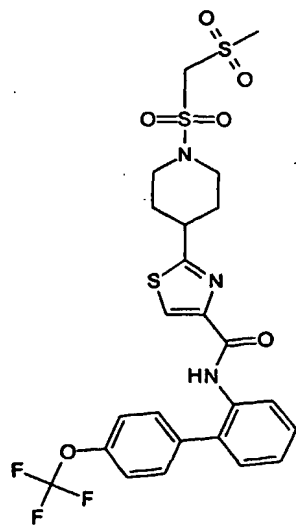
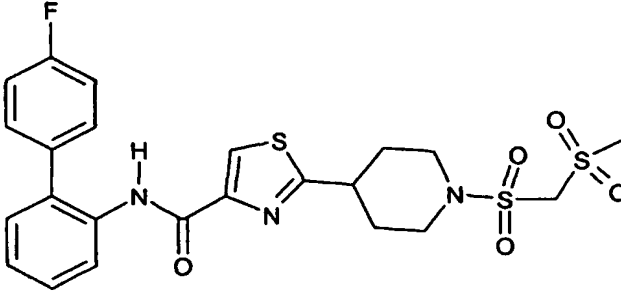
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No.	FORMULA	NMR or mass
1740		
1741		
1742	 <p data-bbox="298 1738 1136 1801">2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

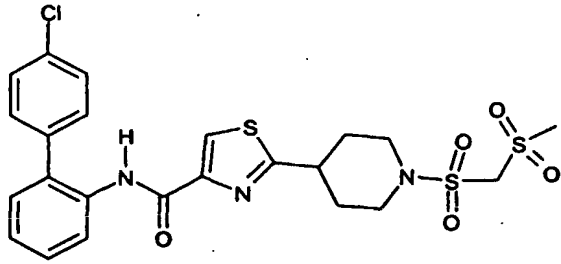
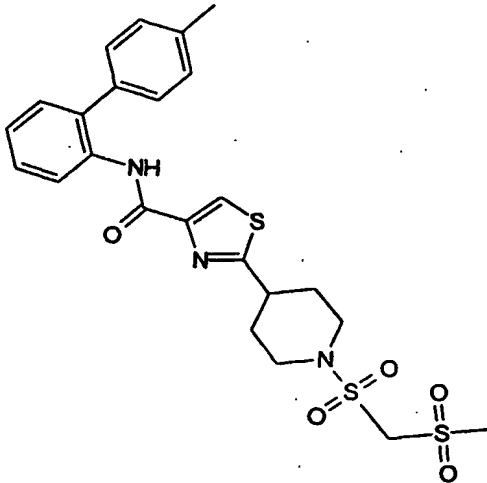
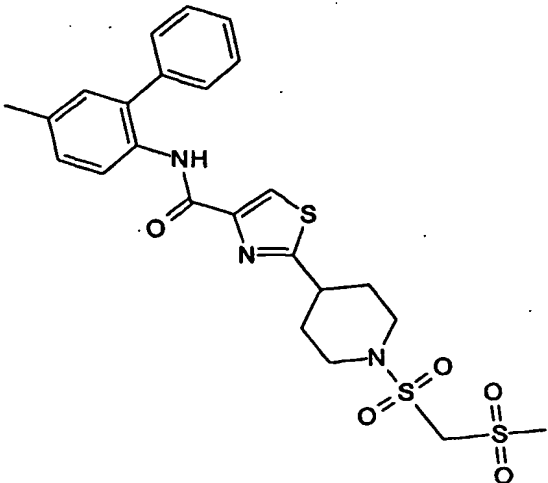
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No.	FORMULA	NMR or mass
1743	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1744	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

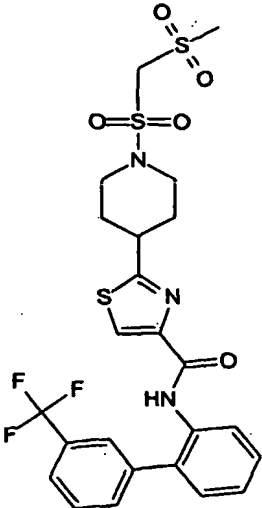
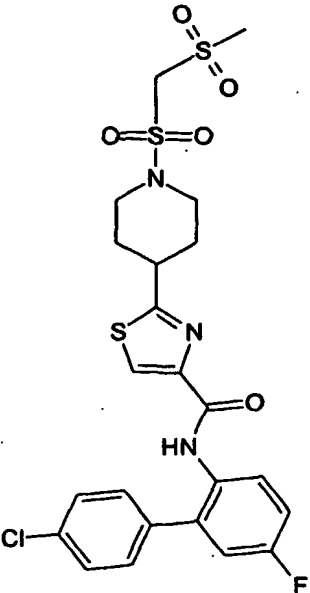
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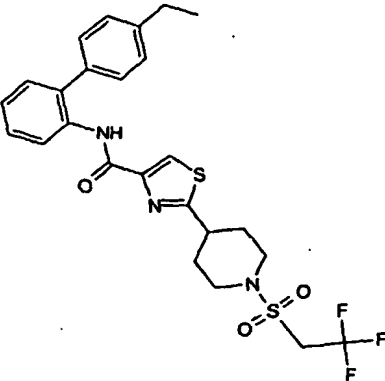
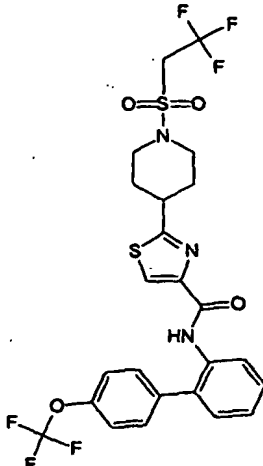
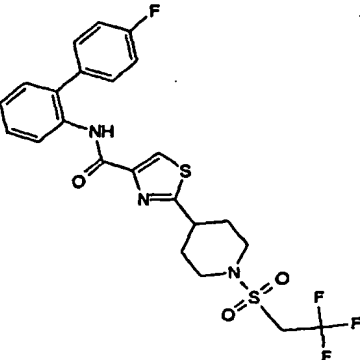
No.	FORMULA	NMR or mass
1745	 <p data-bbox="289 871 1218 934">N-(4'-ethylbiphenyl-2-yl)-2-(1-[[[(methylsulfonyl)methyl]sulfonyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1746	 <p data-bbox="289 1533 1218 1596">2-(1-[[[(methylsulfonyl)methyl]sulfonyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1747		

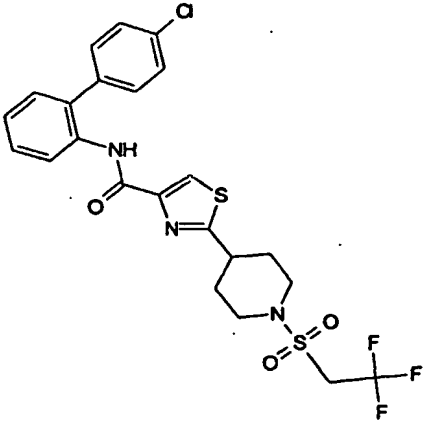
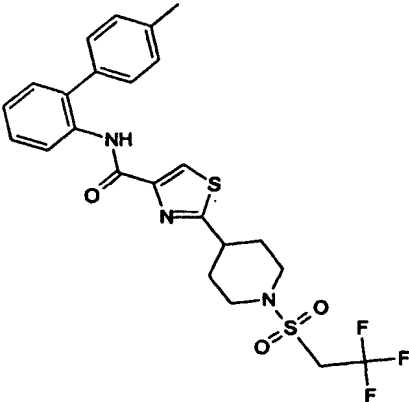
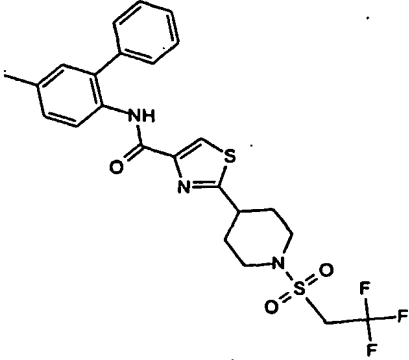
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No.	FORMULA	NMR or mass
1748		
1749	 <p data-bbox="302 1209 1224 1272">N-(4'-methylbiphenyl-2-yl)-2-((1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1750		

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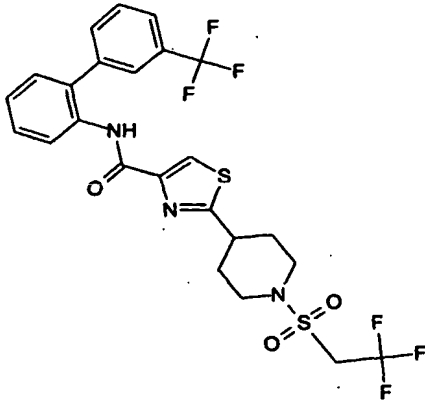
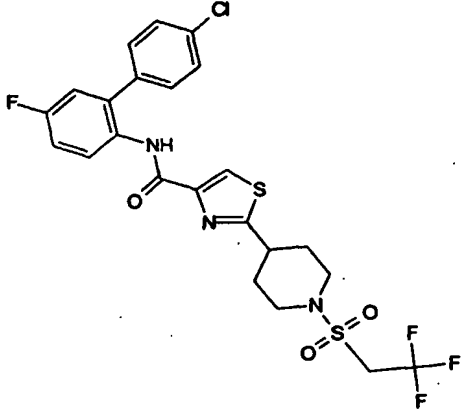
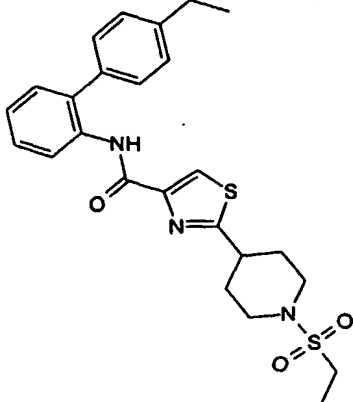
No.	FORMULA	NMR or mass
1751	 <p data-bbox="310 961 1203 1024">2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1752	 <p data-bbox="310 1747 1193 1810">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1753	 <p data-bbox="272 777 1153 829">N-(4'-ethylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1754	 <p data-bbox="272 1354 1144 1407">2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1755	 <p data-bbox="272 1837 1161 1890">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

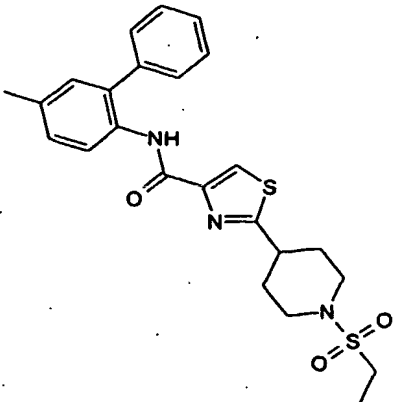
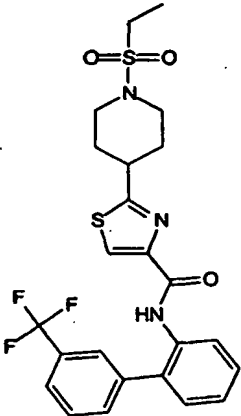
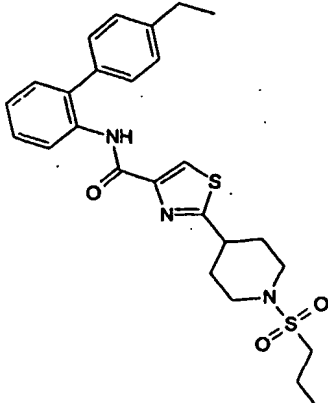
No.	FORMULA	NMR or mass
1756	 <p data-bbox="298 848 1192 911">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1757	 <p data-bbox="298 1381 1192 1444">N-(4'-methylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1758	 <p data-bbox="298 1852 1192 1915">N-(5-methylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	



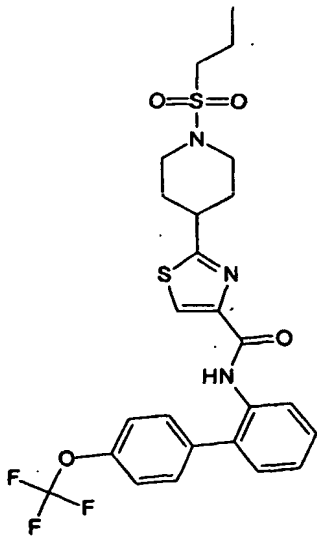
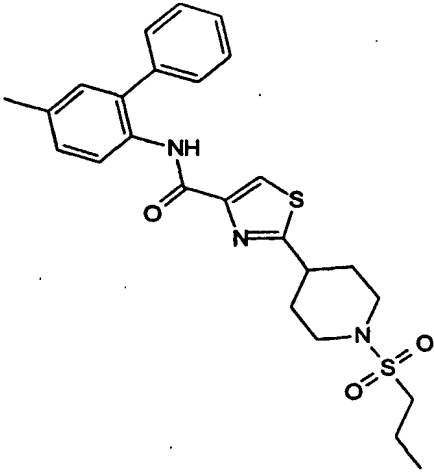
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No.	FORMULA	NMR or mass
1759	 <p data-bbox="302 821 1138 877">2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1760	 <p data-bbox="302 1335 1130 1392">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1761	 <p data-bbox="302 1850 1179 1906">N-(4'-ethylbiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

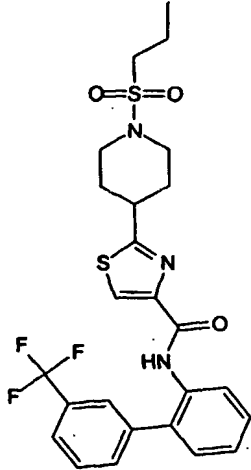
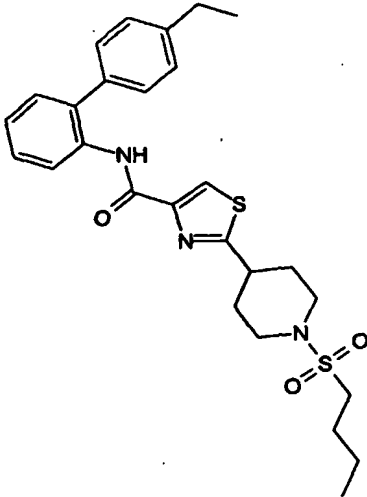
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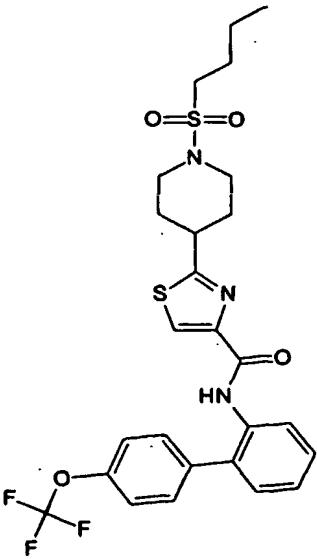
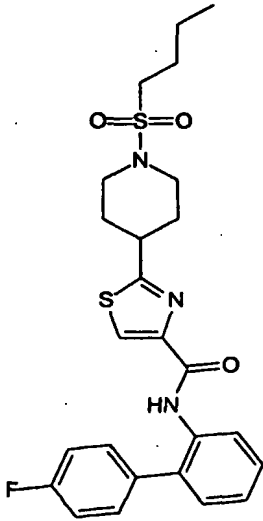
No.	FORMULA	NMR or mass
1762	 <p data-bbox="298 821 1187 871">2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1763	 <p data-bbox="298 1339 1170 1390">2-[1-(ethylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1764	 <p data-bbox="298 1850 1187 1900">N-(4'-ethylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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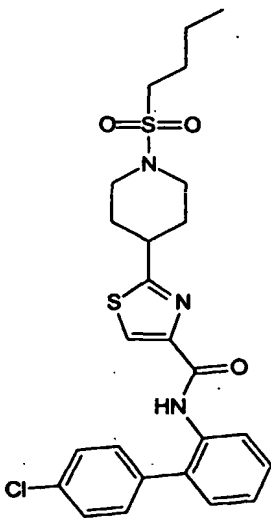
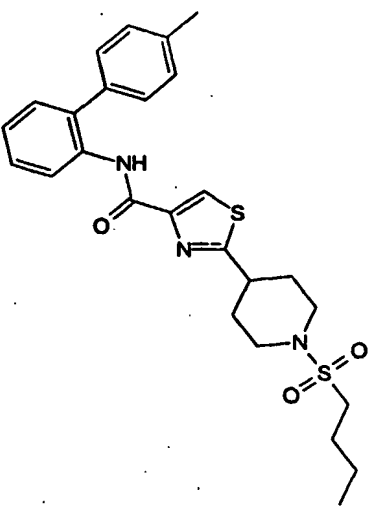
No.	FORMULA	NMR or mass
1765	 <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1766		

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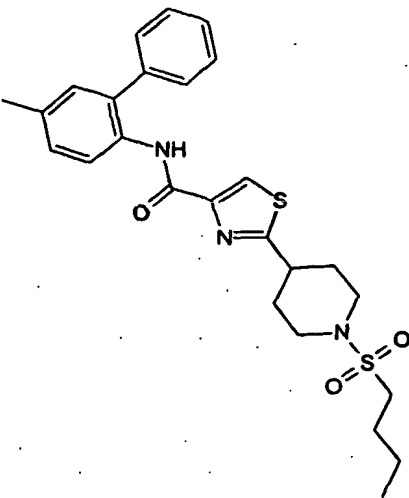
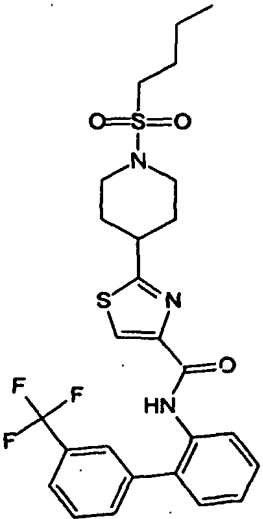
No.	FORMULA	NMR or mass
1767	 <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1768	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1769	 <p data-bbox="293 995 1192 1052">2-[1-(butylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1770	 <p data-bbox="293 1671 1179 1726">2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

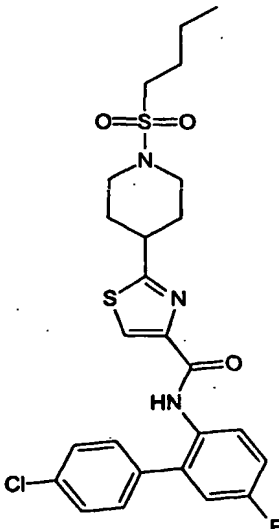
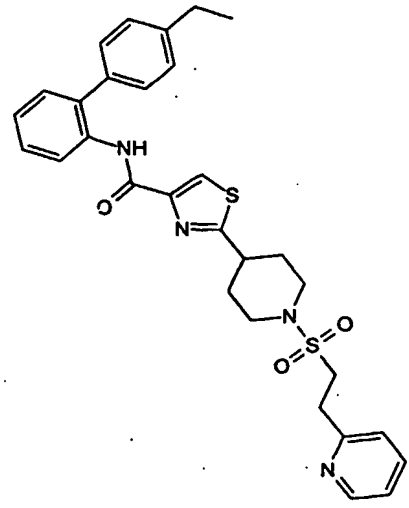
- 626 -

No.	FORMULA	NMR or mass
1771	 <p data-bbox="289 955 1177 1008">2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1772	 <p data-bbox="289 1575 1177 1627">2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

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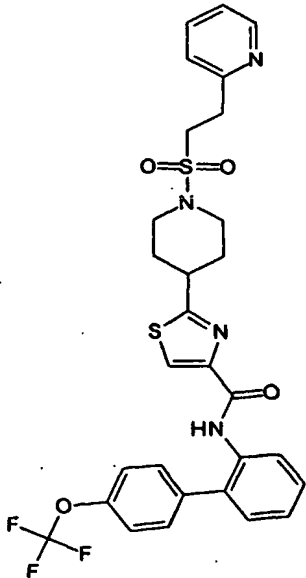
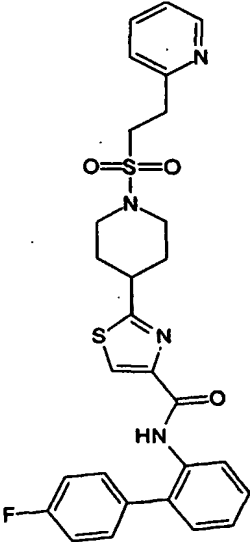
No.	FORMULA	NMR or mass
1773	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1774	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

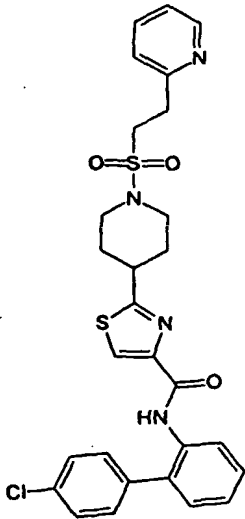
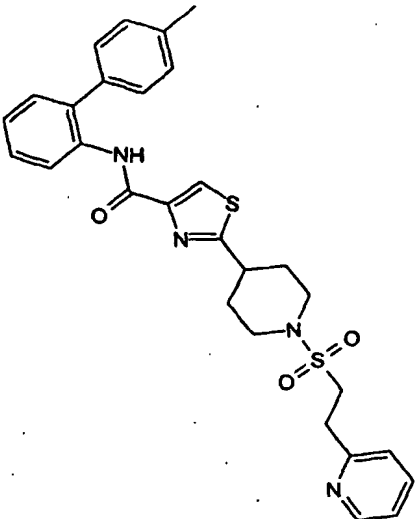
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No.	FORMULA	NMR or mass
1775	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1776	 <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

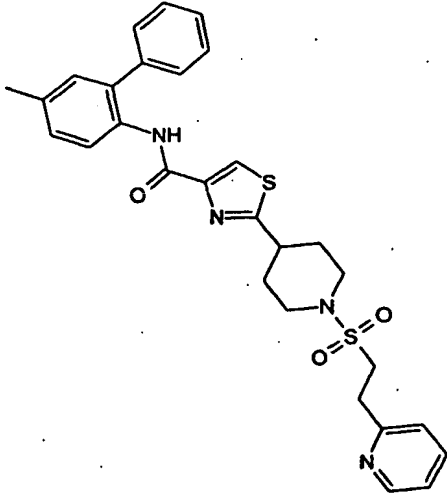
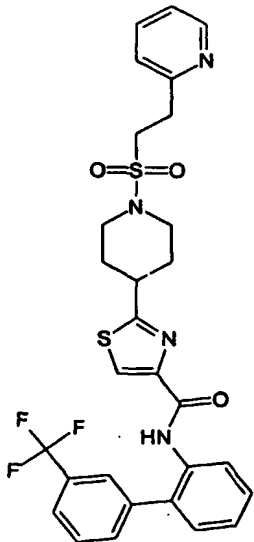


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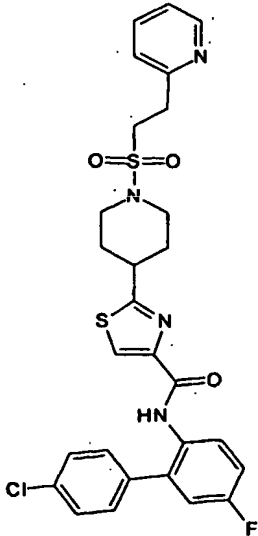
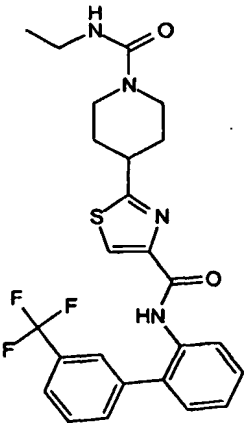
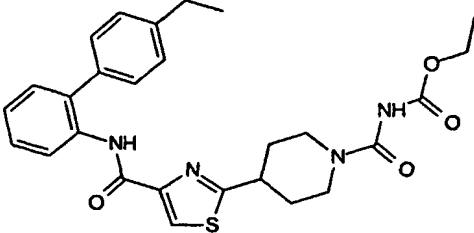
No.	FORMULA	NMR or mass
1777	 <p data-bbox="285 989 1154 1052">2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1778	 <p data-bbox="290 1688 1179 1747">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1779	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1780	 <p>N-(4'-methylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

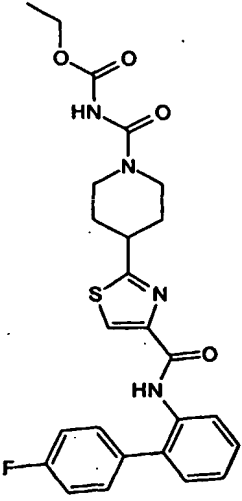
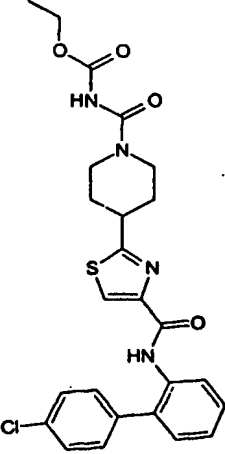
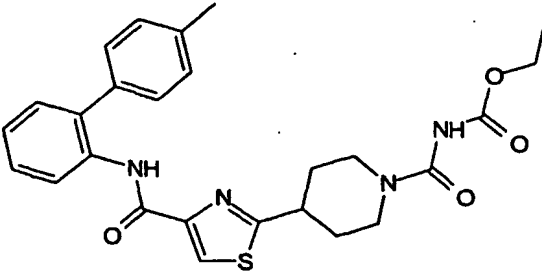
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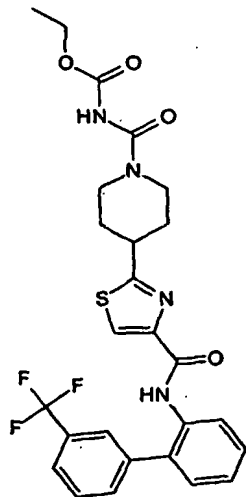
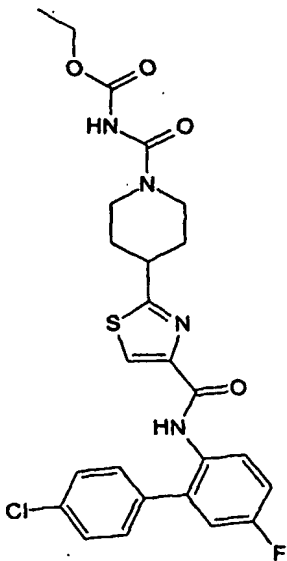
No.	FORMULA	NMR or mass
1781	 <p data-bbox="298 936 1192 993">N-(5-methylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1782	 <p data-bbox="298 1629 1138 1686">2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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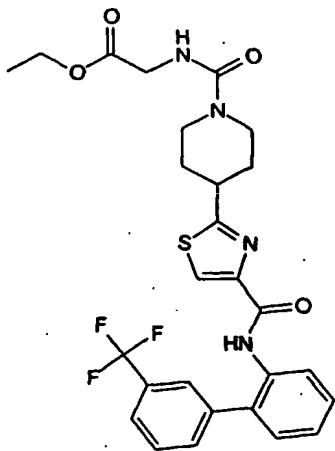
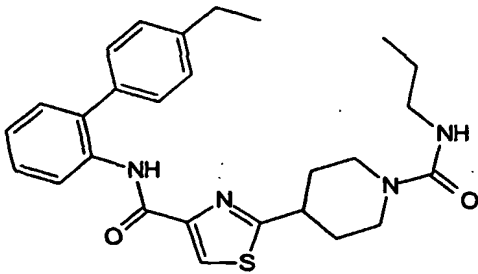
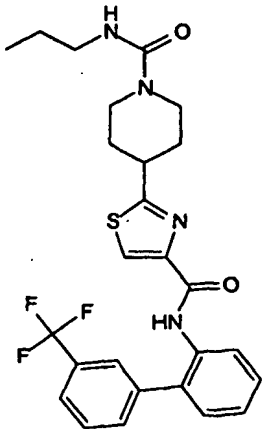
No.	FORMULA	NMR or mass
1783	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1784	 <p>N-ethyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1785		

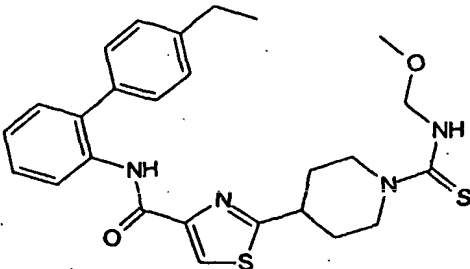
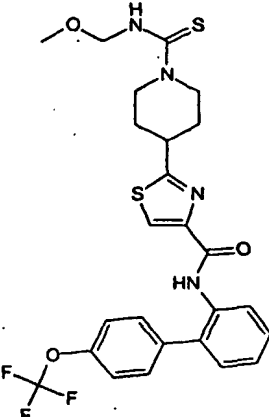
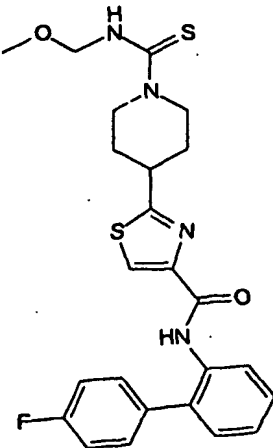
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No.	FORMULA	NMR or mass
1786	 <p>ethyl [[4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]carbonyl]carbamate</p>	
1787	 <p>ethyl [[4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]carbonyl]carbamate</p>	
1788	 <p>ethyl [[4-(4-((4-methylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]carbonyl]carbamate</p>	

No.	FORMULA	NMR or mass
1789	 <p>ethyl 4-((4-((3-(trifluoromethyl)phenyl)amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbamate</p>	
1790	 <p>ethyl 4-((4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbamate</p>	

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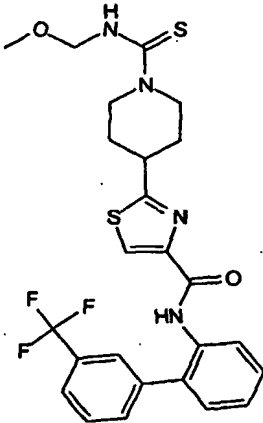
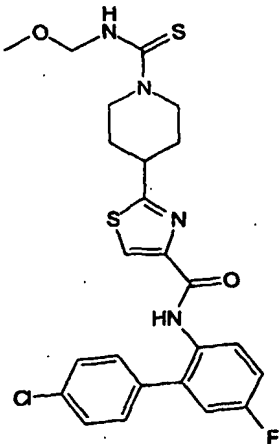
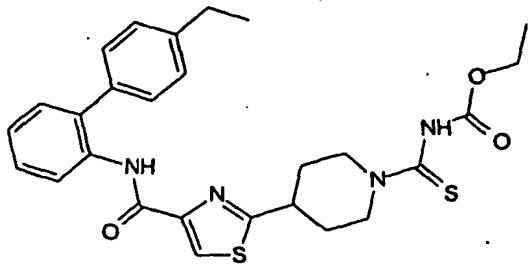
No.	FORMULA	NMR or mass
1791	 <p>ethyl N-((4-([3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carboxylate</p>	
1792	 <p>N-((4-([3'-(4-ethylphenyl)biphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carboxamide</p>	
1793	 <p>N-propyl-4-([4-([3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	

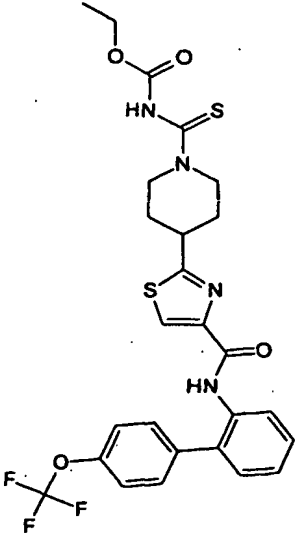
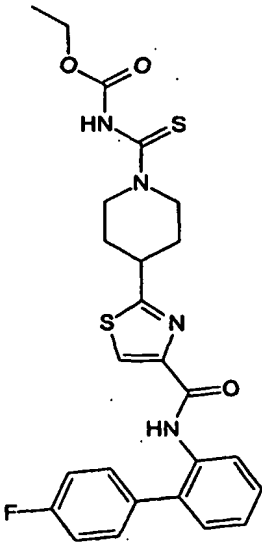
No.	FORMULA	NMR or mass
1794		
1795	 <p>2-(1-(((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1796	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-(((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

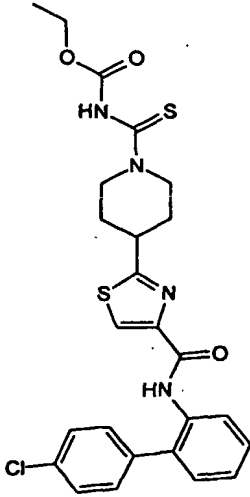
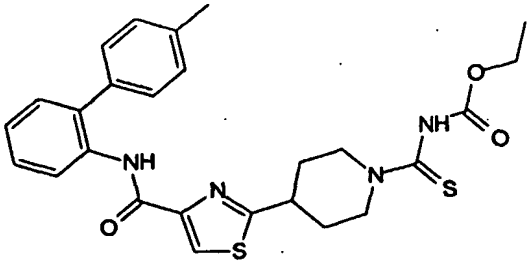
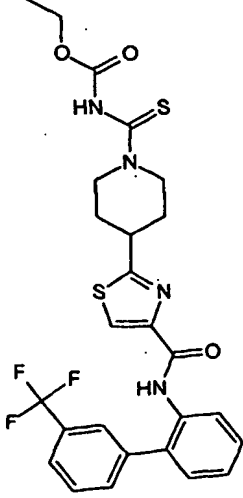


**-637-**

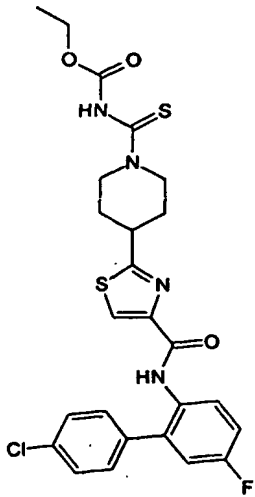
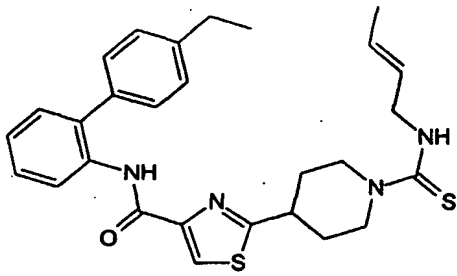
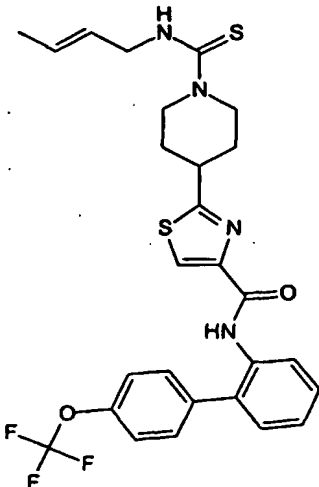
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No.	FORMULA	NMR or mass
1800	 <p data-bbox="272 840 1153 903">2-(1-(((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1801	 <p data-bbox="279 1417 1161 1480">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-(((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1802		

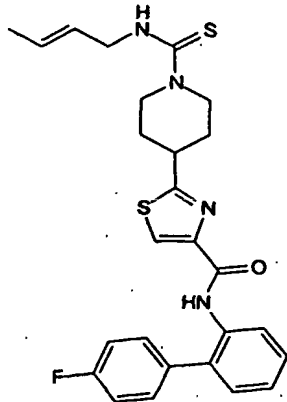
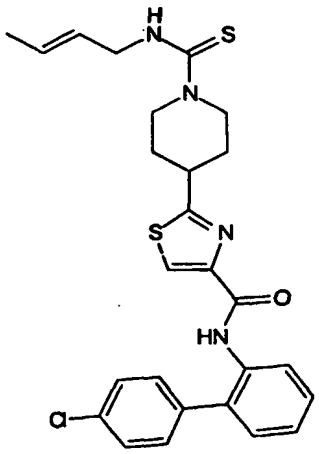
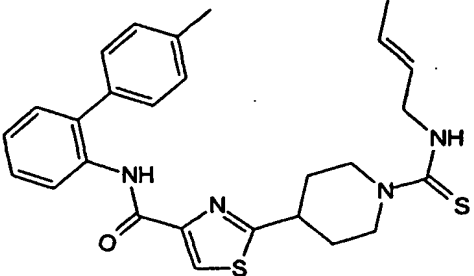
No.	FORMULA	NMR or mass
1803	 <p>ethyl ((4-[4-((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl)carbamate</p>	
1804	 <p>ethyl ([4-[4-((4'-fluorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl)carbamate</p>	

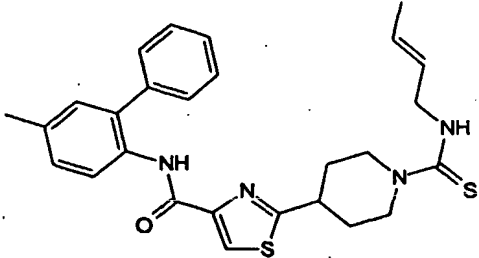
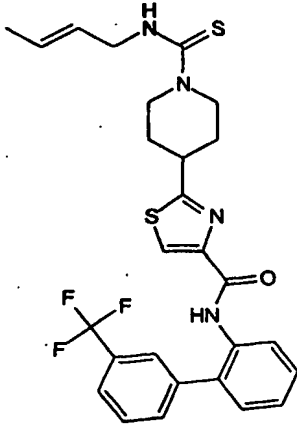
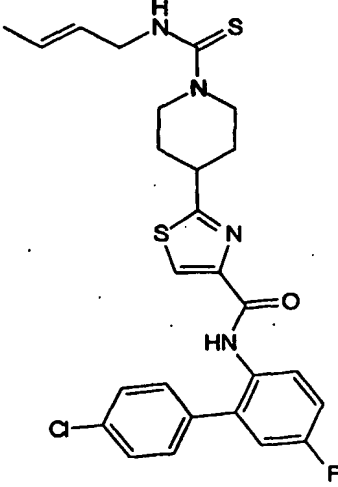
No.	FORMULA	NMR or mass
1805	 <p>ethyl {[4-(4-[[[4'-chlorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioyl]carbamate</p>	
1806		
1807		

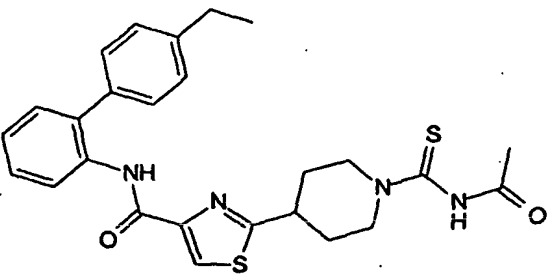
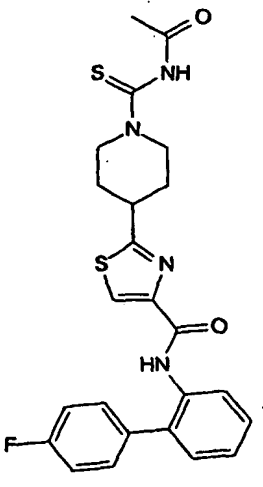
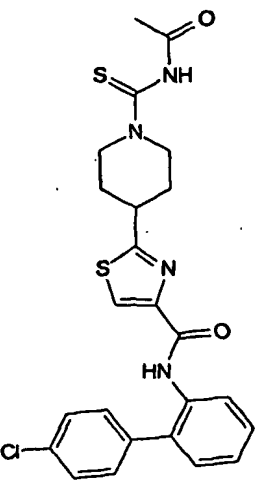
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No.	FORMULA	NMR or mass
1808	 <p>ethyl {[4-(4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbamate</p>	
1809		
1810		

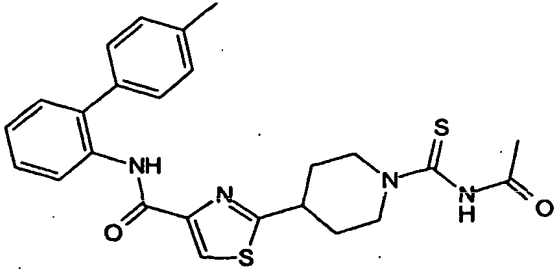
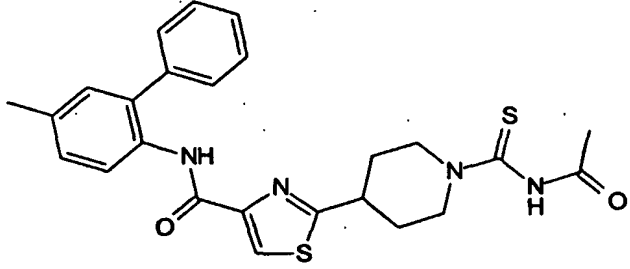
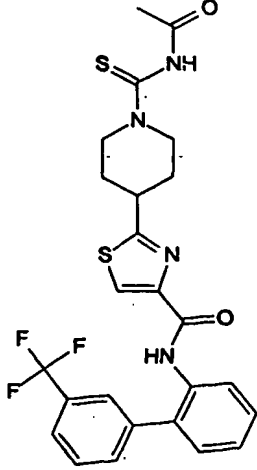
- 642 -

No.	FORMULA	NMR or mass
1811	 <p>2-(1-(((2E)-but-2-en-1-ylamino)carbonothioyl)piperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1812	 <p>2-(1-(((2E)-but-2-en-1-ylamino)carbonothioyl)piperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1813		

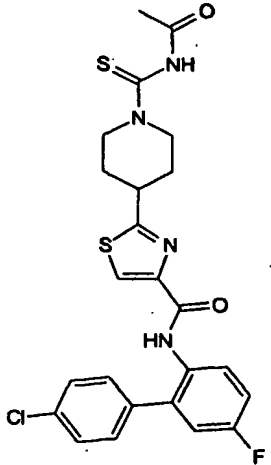
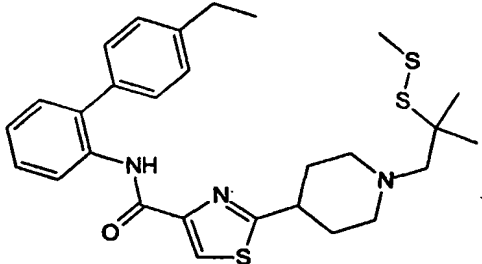
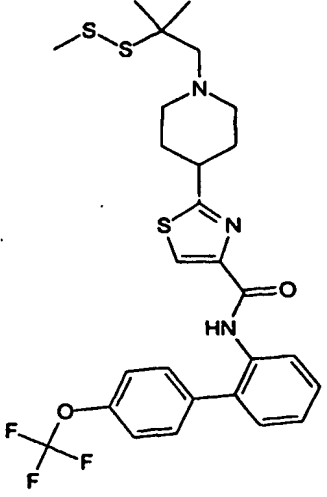
No.	FORMULA	NMR or mass
1814		
1815	 <p data-bbox="305 1167 1203 1230">2-(1-([(2E)-but-2-en-1-ylamino]carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1816	 <p data-bbox="305 1797 1203 1860">2-(1-([(2E)-but-2-en-1-ylamino]carbonothioyl)piperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1817		
1818	 <p data-bbox="284 1186 1177 1249">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1819	 <p data-bbox="284 1816 1177 1879">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

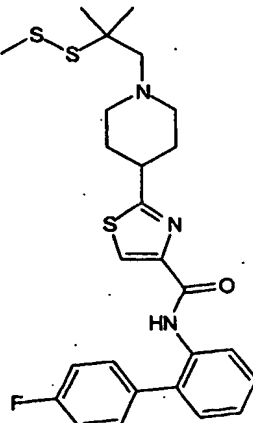
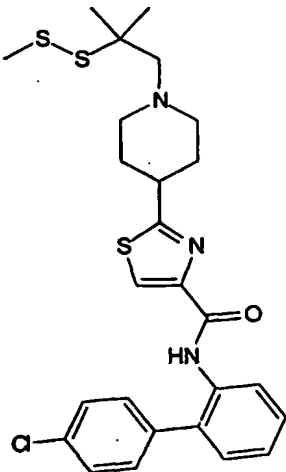
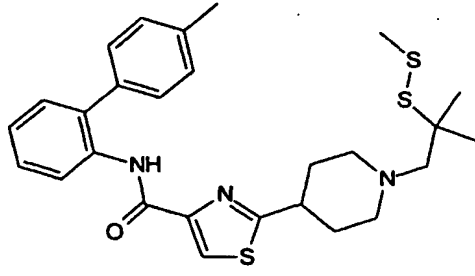


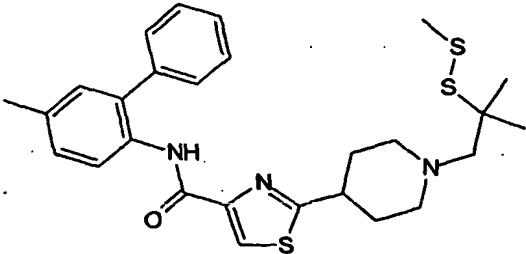
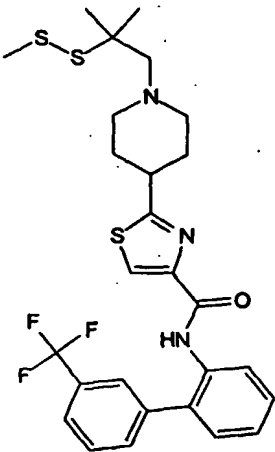
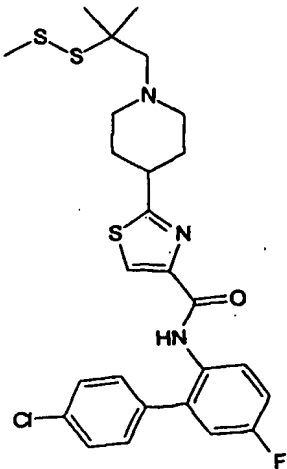
No.	FORMULA	NMR or mass
1820		
1821		
1822	 <p data-bbox="305 1575 1144 1638">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

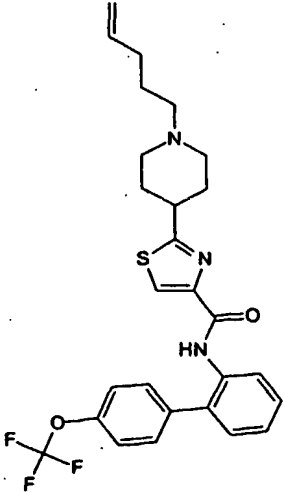
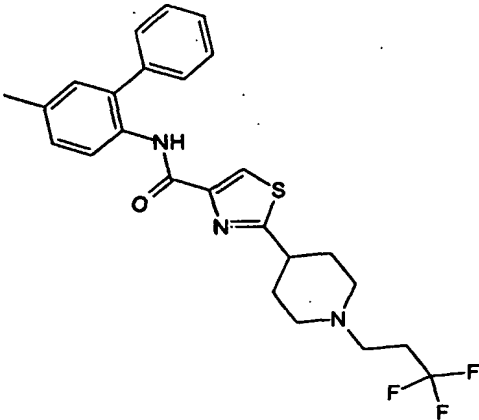
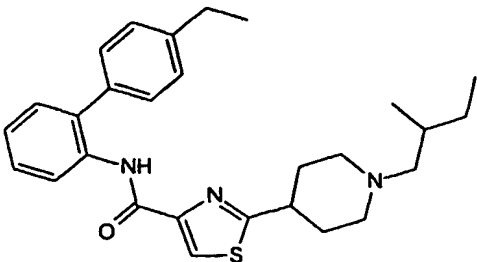
- 646 -

No.	FORMULA	NMR or mass
1823	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1824		
1825	 <p>2-{1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

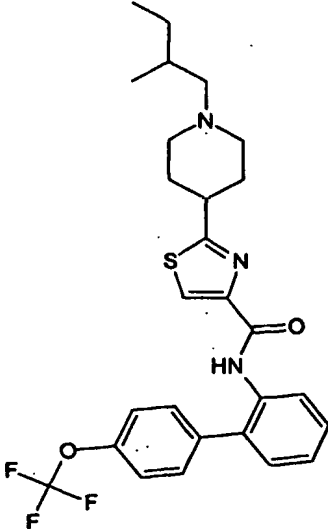
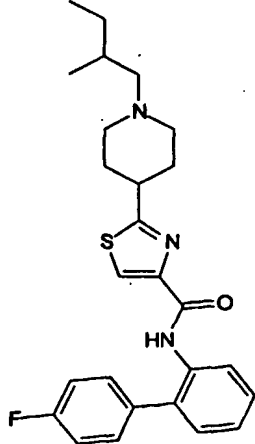
- 647 -

No.	FORMULA	NMR or mass
1826	 <p data-bbox="305 856 1203 919">N-(4'-fluorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1827	 <p data-bbox="305 1486 1203 1549">N-(4'-chlorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1828		

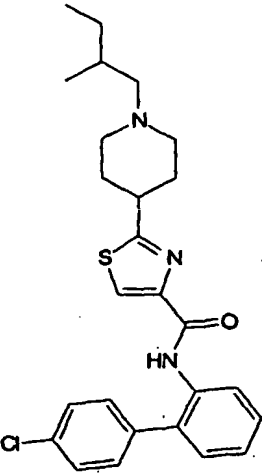
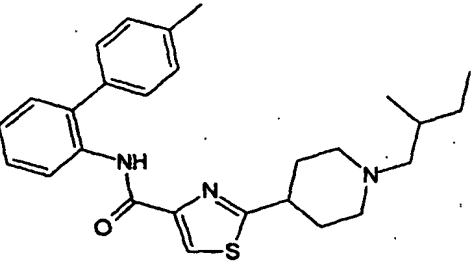
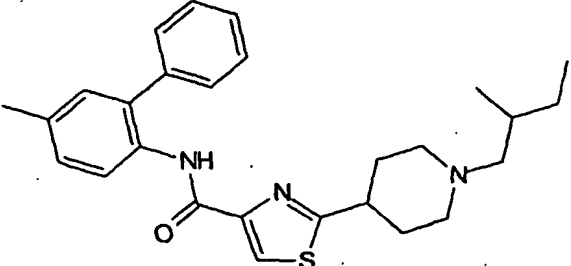
No.	FORMULA	NMR or mass
1829		
1830	 <p data-bbox="280 1182 1174 1241">2-[1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl]-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1831	 <p data-bbox="285 1780 1162 1839">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1832	 <p>2-(1-pent-4-en-1-yl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1833	 <p>N-(5-methylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1834		

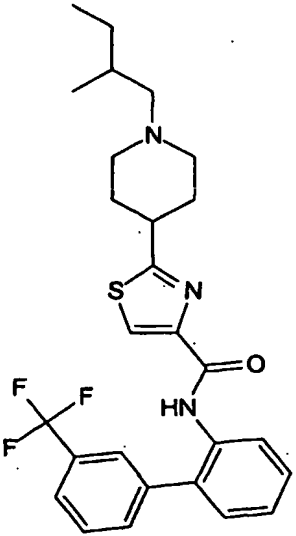
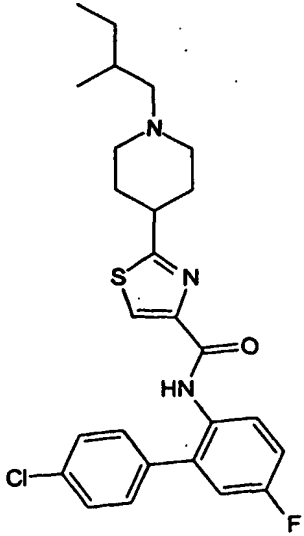
- 650 -

No.	FORMULA	NMR or mass
1835	 <p data-bbox="297 966 1209 1024">2-[1-(2-methylbutyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1836	 <p data-bbox="297 1591 1193 1650">N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

- 651 -

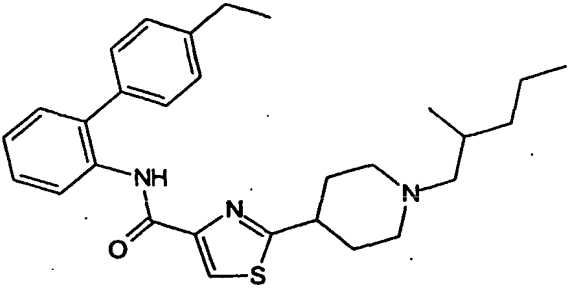
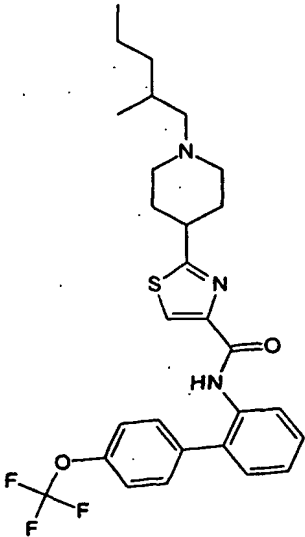
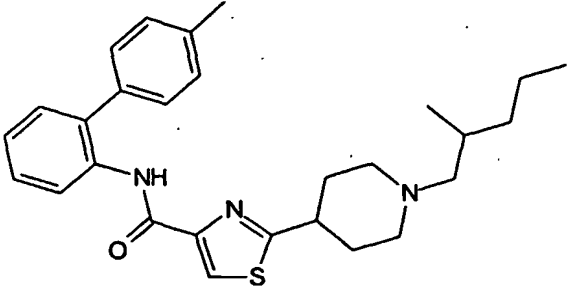
No.	FORMULA	NMR or mass
1837	 <p data-bbox="280 888 1182 951">N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1838		
1839		

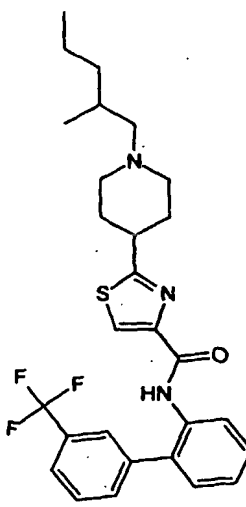
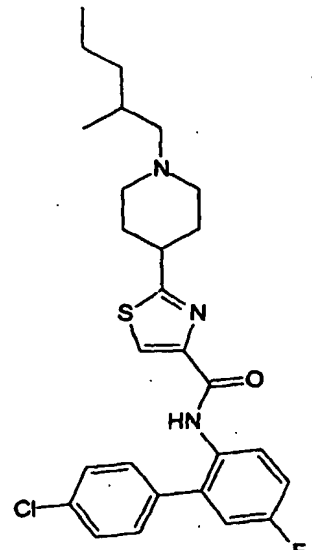
- 652 -

No.	FORMULA	NMR or mass
1840	 <p data-bbox="302 972 1187 1031">2-[1-(2-methylbutyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1841	 <p data-bbox="302 1686 1179 1745">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

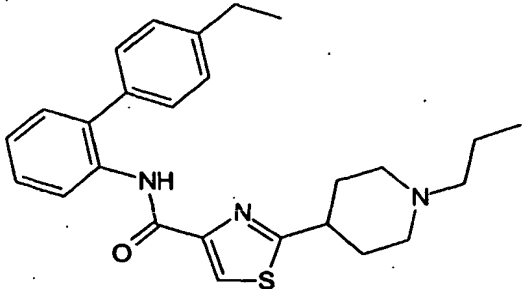
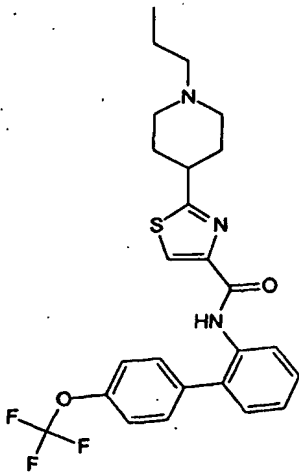
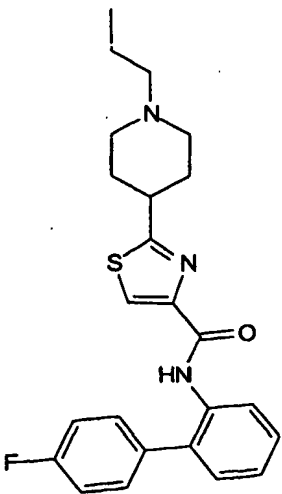


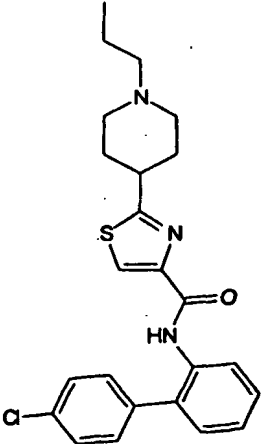
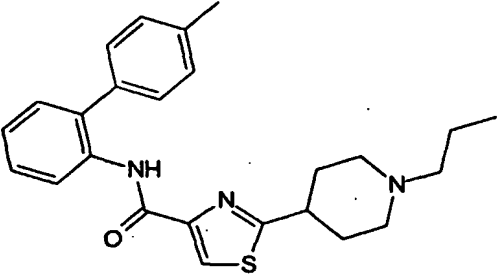
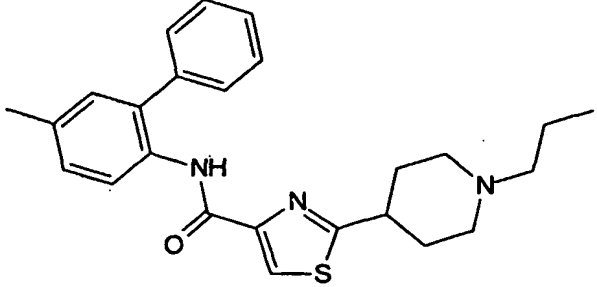
- 653 -

No.	FORMULA	NMR or mass
1842		
1843	 <p data-bbox="293 1346 1170 1402">2-[1-(2-methylpentyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1844		

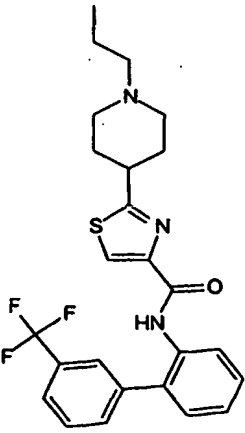
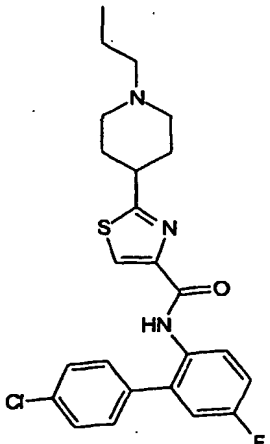
No.	FORMULA	NMR or mass
1845	 <p data-bbox="284 892 1185 955">2-[1-(2-methylpentyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1846	 <p data-bbox="284 1585 1185 1648">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

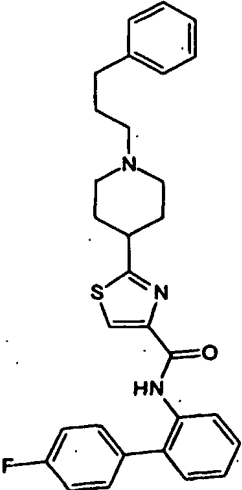
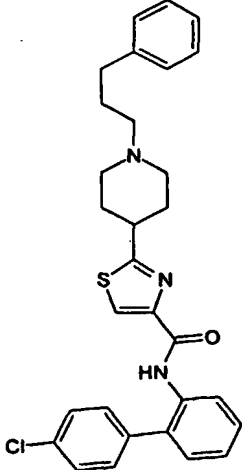
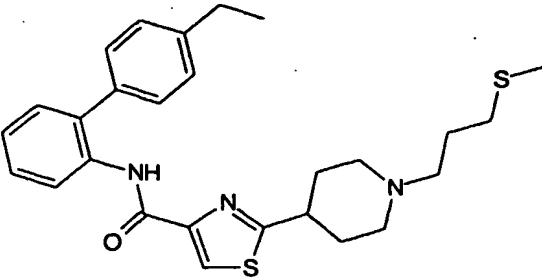
- 655 -

No.	FORMULA	NMR or mass
1847	 <p>Chemical structure of 2-(1-(4-ethylphenyl)-2-phenyl-2-oxoethyl)-1,3-thiazole-4-carboxamide. It features a thiazole ring with a carboxamide group at position 4 and a 1-(4-ethylphenyl)-2-phenyl-2-oxoethyl group at position 2.</p>	
1848	 <p>Chemical structure of 2-(1-propylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide. It features a thiazole ring with a carboxamide group at position 4 and a 1-(4-(trifluoromethoxy)biphenyl-2-yl)-1-propylpiperidin-4-yl group at position 2.</p> <p>2-(1-propylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1849	 <p>Chemical structure of 2-(1-propylpiperidin-4-yl)-N-[4-fluorobiphenyl-2-yl]-1,3-thiazole-4-carboxamide. It features a thiazole ring with a carboxamide group at position 4 and a 1-(4-fluorobiphenyl-2-yl)-1-propylpiperidin-4-yl group at position 2.</p>	

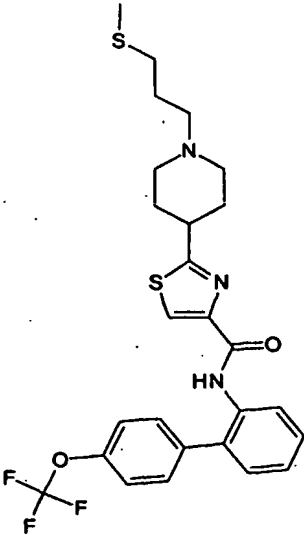
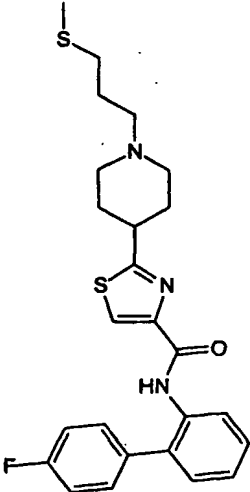
No.	FORMULA	NMR or mass
1850	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-propylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1851		
1852		

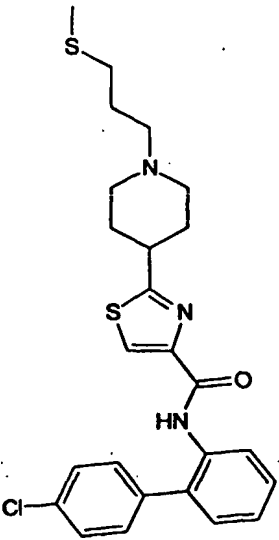
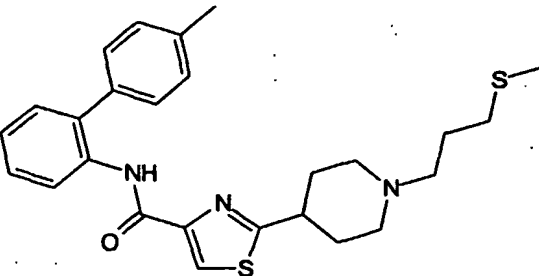
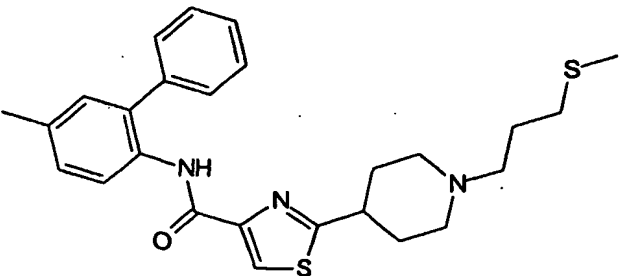
- 657 -

No.	FORMULA	NMR or mass
1853	 <p data-bbox="300 840 1209 892">2-(1-propylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1854	 <p data-bbox="300 1428 1209 1480">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-propylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

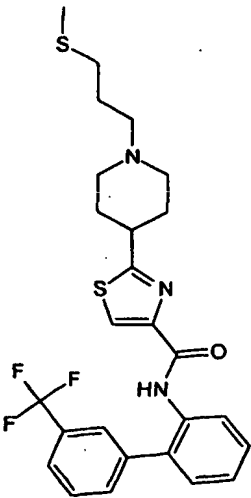
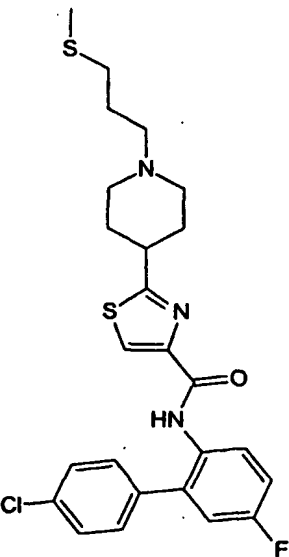
No.	FORMULA	NMR or mass
1855	 <p data-bbox="297 909 1209 968">N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1856	 <p data-bbox="297 1493 1209 1551">N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1857		

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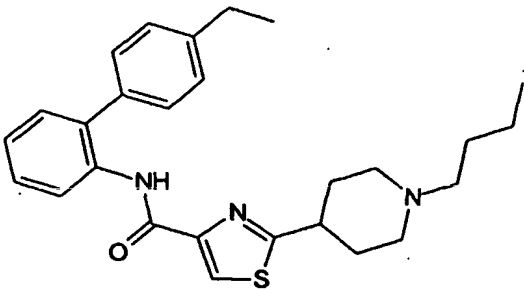
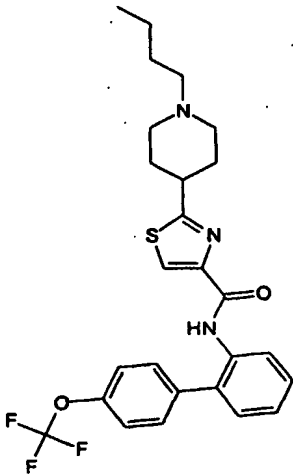
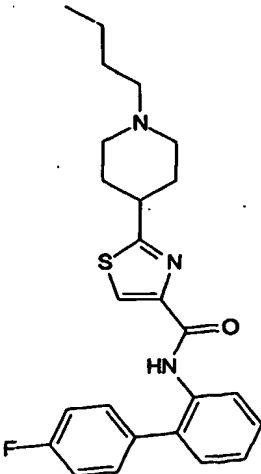
No.	FORMULA	NMR or mass
1858	 <p data-bbox="297 961 1201 1024">2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1859	 <p data-bbox="297 1612 1141 1669">N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1860	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1861		
1862		

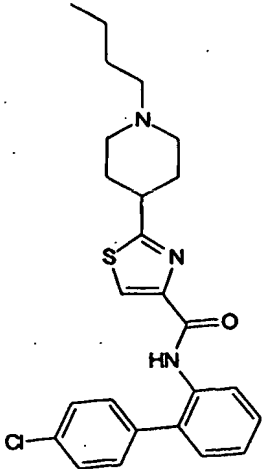
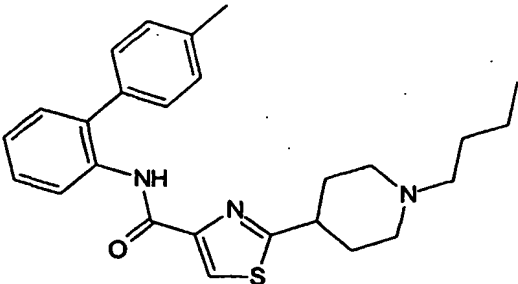
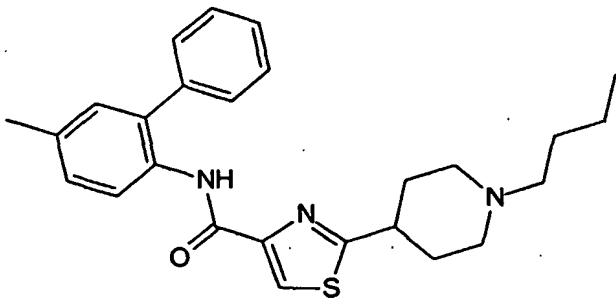


No.	FORMULA	NMR or mass
1863	 <p data-bbox="305 926 1224 982">2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1864	 <p data-bbox="305 1617 1224 1673">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

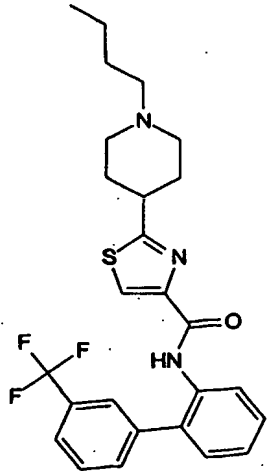
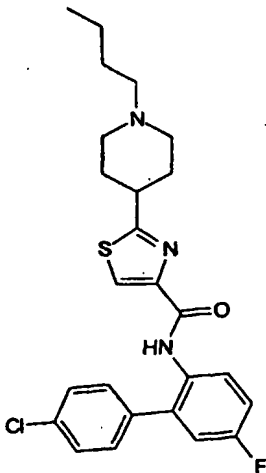
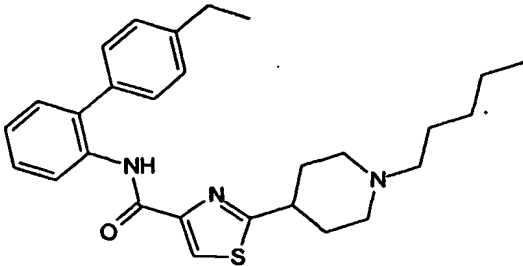
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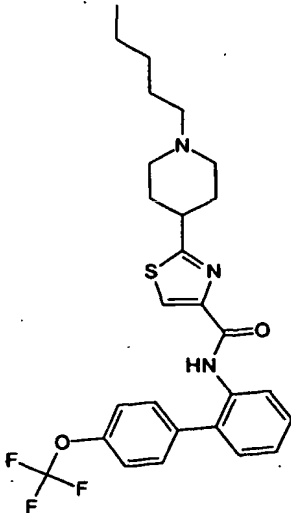
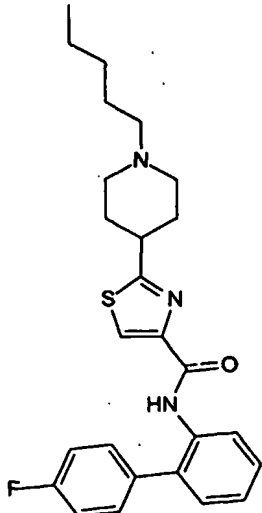
No.	FORMULA	NMR or mass
1865	 <chem>CCCCN1CCCCC1C2=CN=C(C(=O)Nc3ccccc3c4ccc(C)cc4)S2</chem>	
1866	 <chem>CCCCN1CCCCC1C2=CN=C(C(=O)Nc3ccccc3-c4ccc(OC(F)(F)F)cc4)S2</chem> <p>2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1867	 <chem>CCCCN1CCCCC1C2=CN=C(C(=O)Nc3ccccc3-c4ccc(F)cc4)S2</chem> <p>2-(1-butylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

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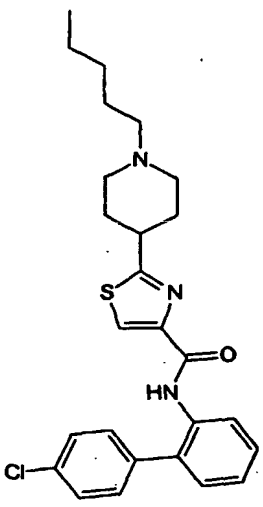
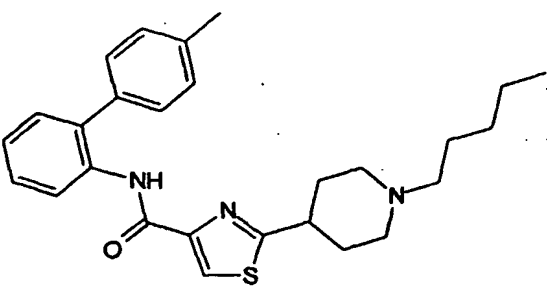
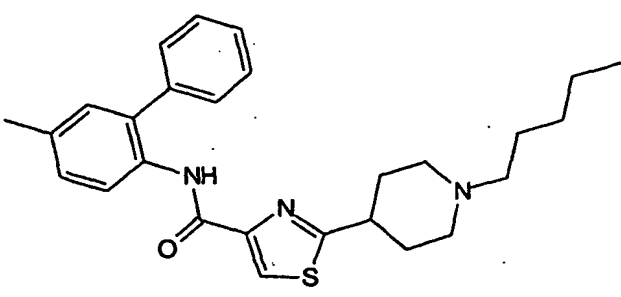
No.	FORMULA	NMR or mass
1868	 <p data-bbox="297 898 1073 953">2-(1-butylpiperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1869		
1870		

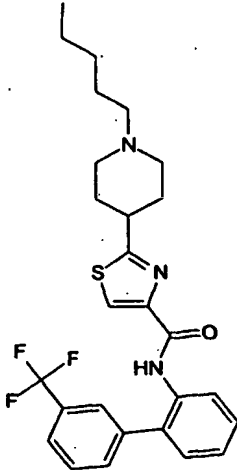
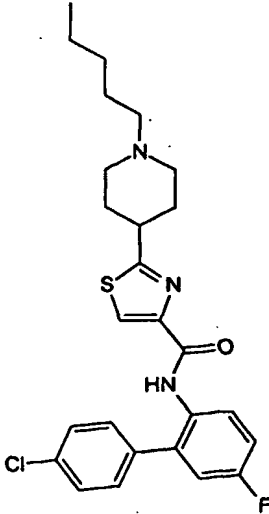
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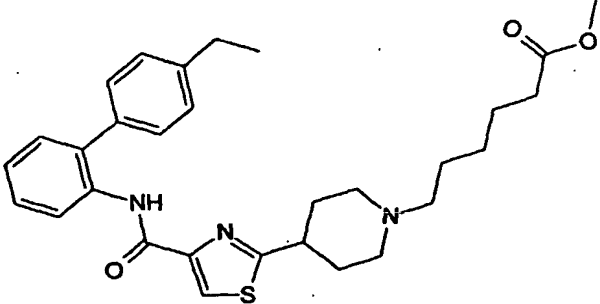
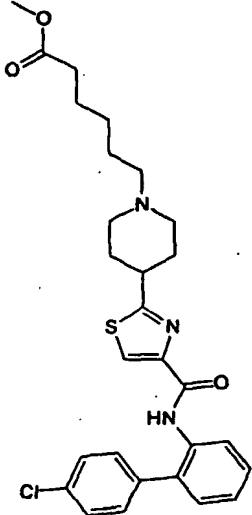
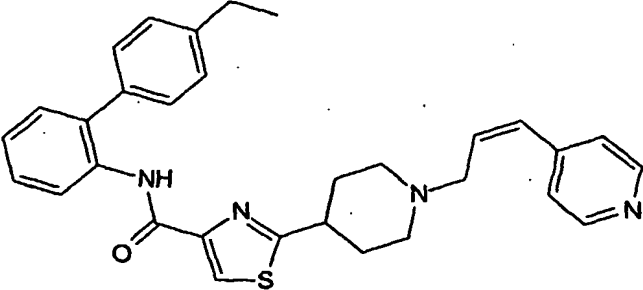
No.	FORMULA	NMR or mass
1871	 <p data-bbox="297 888 1195 947">2-(1-butylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1872	 <p data-bbox="297 1472 1187 1530">2-(1-butylpiperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1873		

No.	FORMULA	NMR or mass
1874	 <p data-bbox="302 940 1227 1003">2-(1-pentylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1875	 <p data-bbox="302 1633 1092 1696">N-(4'-fluorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

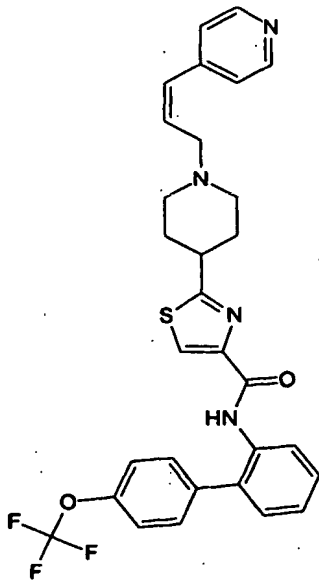
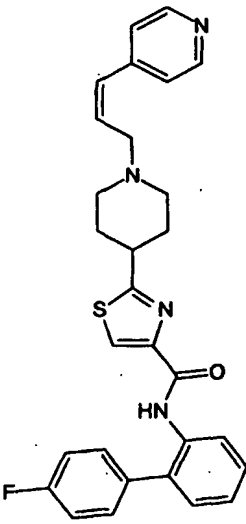
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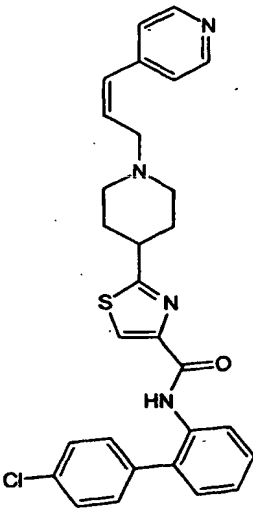
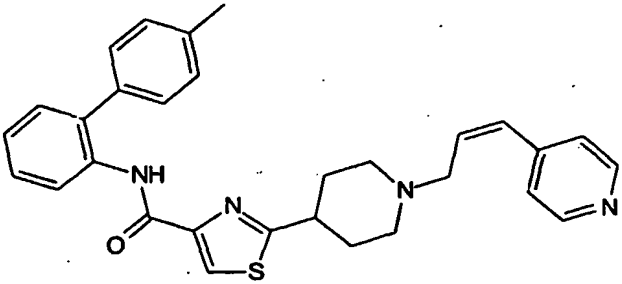
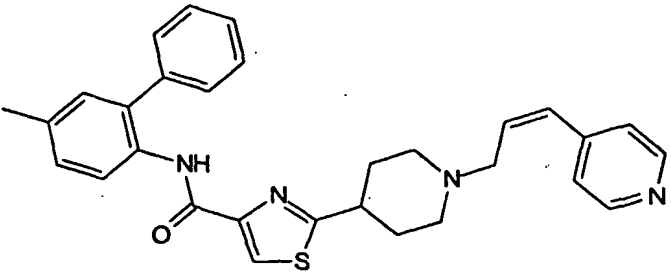
No.	FORMULA	NMR or mass
1876	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1877		
1878		

No.	FORMULA	NMR or mass
1879	 <p data-bbox="305 898 1224 953">2-(1-pentylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1880	 <p data-bbox="305 1549 1224 1604">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

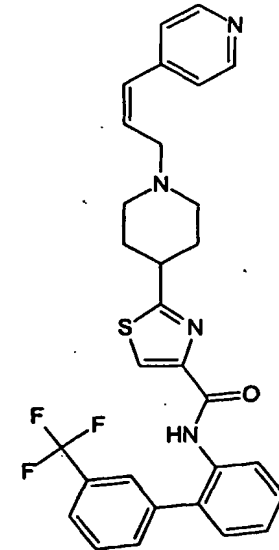
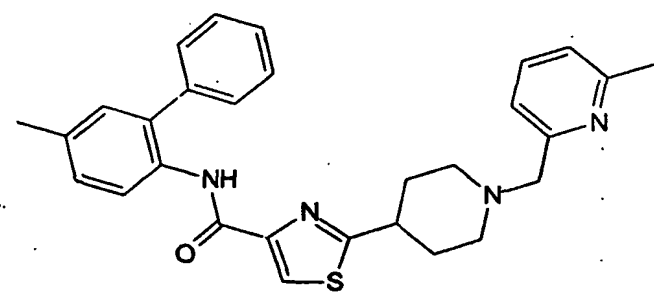
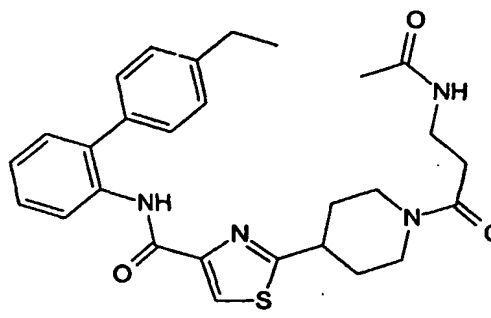
No.	FORMULA	NMR or mass
1881		
1882	 <p data-bbox="289 1304 1161 1367">methyl 6-[4-(4-[[4'-chlorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]hexanoate</p>	
1883		



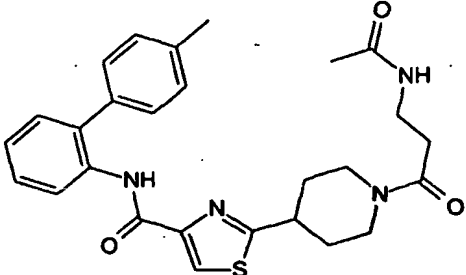
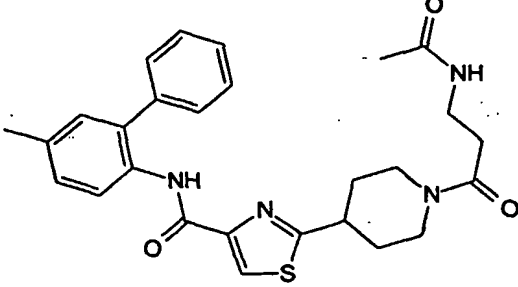
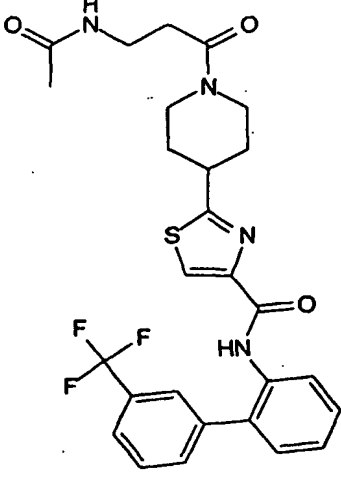
No.	FORMULA	NMR or mass
1884	 <p data-bbox="305 1018 1120 1081">2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1885	 <p data-bbox="305 1701 1218 1764">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1886	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1887		
1888		

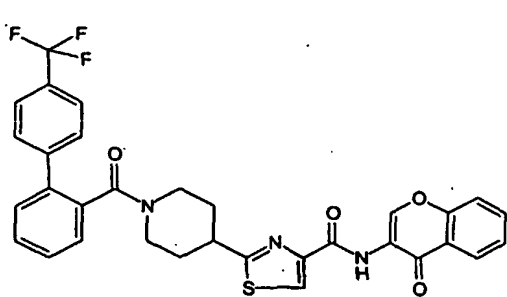
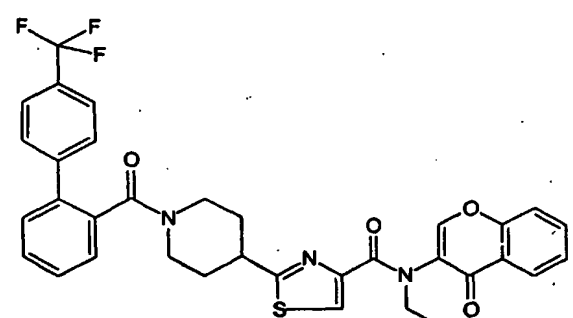
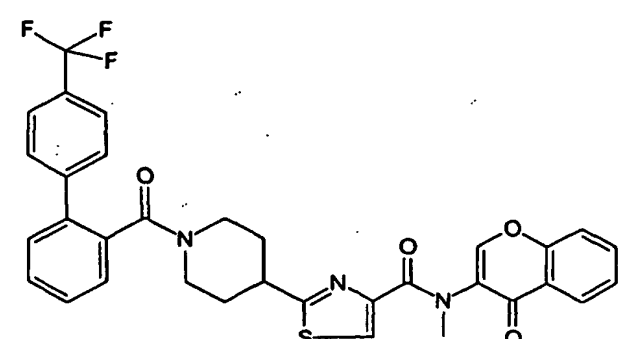
- 671 -

No.	FORMULA	NMR or mass
1889	 <chem>CC1=CC=C(C=C1C(=O)Nc2cc3sc(cc3n2)C4CCN(CC4)Cc5cccnc5)C(F)(F)F</chem>	
1890	 <chem>CC1=CC=C(C=C1C(=O)Nc2cc3sc(cc3n2)C4CCN(CC4)Cc5ccc(C)nc5)C2=CC=CC=C2</chem>	
1891	 <chem>CC1=CC=C(C=C1C(=O)Nc2cc3sc(cc3n2)C4CCN(CC4)CC(=O)NC(C)=O)C2=CC=CC=C2CC</chem>	

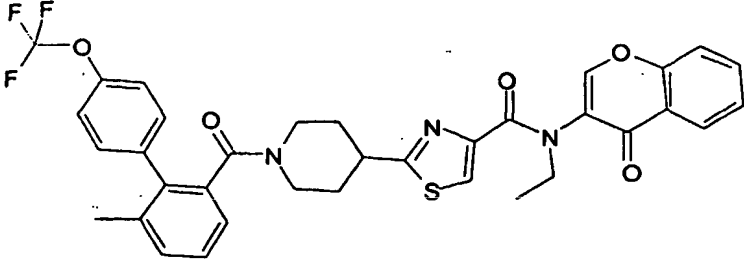
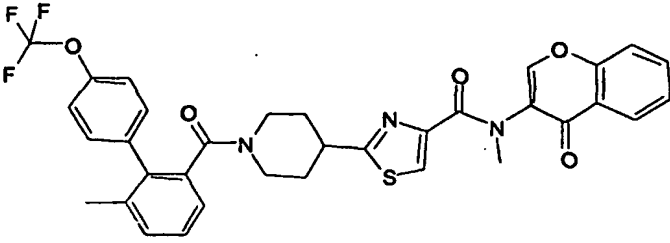
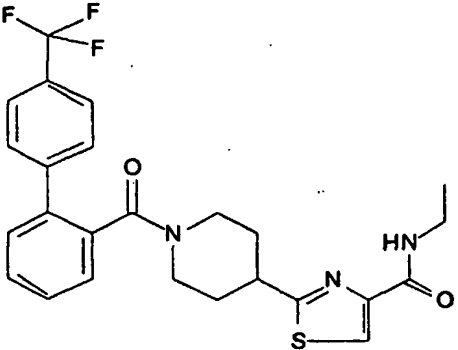
- 672 -

No.	FORMULA	NMR or mass
1892		
1893		
1894		

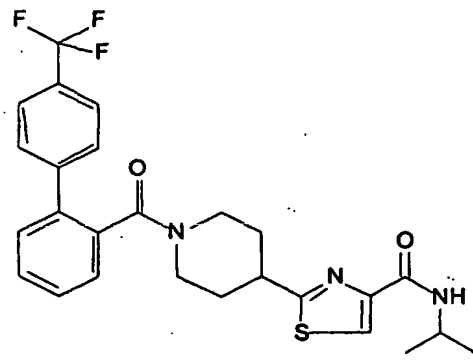
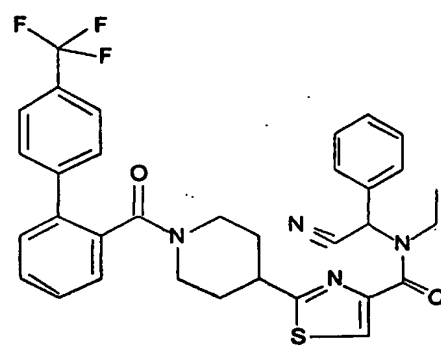
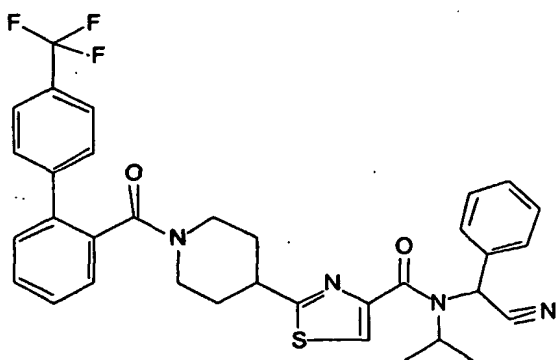
- 673 -

No.	FORMULA	NMR or mass
1895		ES+ 604,4
1896		ES+ 632,4
1897		ES+ 618,4

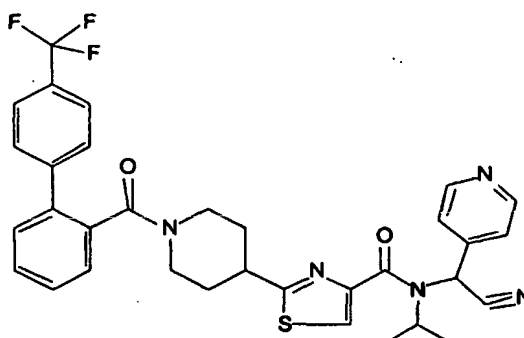
- 674 -

No.	FORMULA	NMR or mass
1898		ES+ 662,4
1899		ES+ 648,4
1900		ES+ 488,3

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No.	FORMULA	NMR or mass
1901		ES+ 502,2
1902		ES+ 603,3
1903		ES+617,4

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No.	FORMULA	NMR or mass
1904	 <p>The chemical structure of compound 1904 is a complex molecule. It features a central thiazole ring. On the left side of the thiazole, there is a piperidine ring connected via its nitrogen atom to a carbonyl group, which is further connected to a biphenyl system. The biphenyl system consists of two benzene rings; the upper ring is substituted with a trifluoromethyl group (-CF<sub>3</sub>). On the right side of the thiazole, there is another carbonyl group connected to a nitrogen atom. This nitrogen is also connected to an isopropyl group and a 2-cyano-3-pyridylmethyl group (a methylene group attached to a pyridine ring at the 3-position and a nitrile group at the 2-position).</p>	ES- 616,3



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**BIOLOGICAL EXPERIMENTAL SECTION****BIOLOGICAL ACTIVITY TESTS****Analysis of the inhibition of MTP activity**

5 The inhibition of the activity of microsomal triglyceride transfer protein (MTP) was tested by using the following operating protocol.

The inhibition of MTP activity with a compound can be quantified by observing the inhibition of the transfer of a labelled triglyceride, from a donor particle to an acceptor particle, in the presence of MTP. The procedure for the preparation of MTP is based on the method by Wetterau and Zilversmit (*Biochem. Biophys. Acta* (1986) **875**, 610). A few grams of golden hamster liver are taken and then rinsed several times in a 250 mM sucrose solution at 0°C. All the following steps proceed at +4°C. A homogenate at a concentration of 50% in 250 mM sucrose is prepared using a Teflon mill and then centrifuged for 10 minutes at 10 000×g at +4°C. The supernatant is then centrifuged at 105 000×g for 75 minutes at +4°C. The supernatant is discarded and the microsomal pellet is taken up in 3 ml (per g of starting liver) of Tris/HCl 150 mM pH 8.0. 1-ml aliquot fractions are stored at -80°C until the time of use.

After thawing a fraction of microsomes (1 ml), 12 ml of refrigerated Tris/HCl 20 50 mM, KCl 50 mM, MgCl<sub>2</sub> 5 mM pH 7.4 buffers and 1.2 ml of deoxycholate (0.54% in water) are added. After incubation for 30 minutes at +4°C with gentle agitation, the suspension is centrifuged at 105 000×g for 75 minutes. The supernatant comprising the soluble MTP is dialysed against Tris/HCl 150 mM, NaCl 40 mM, EDTA 1 mM, 0.02% sodium azide pH 7.4 buffer (5 times one litre over 2-3 25 days). The MTP is stored at +4°C, is stable for at least 30 days and is used in unmodified form in the test.

The donor particles (liposomes) are prepared from 208 µL of L-phosphatidylcholine at a concentration of 10 mg/ml in chloroform, and 480 µL of [3H]-triolein at a concentration of 0.5 mCi/ml in toluene. After stirring, the solution 30 is evaporated under nitrogen, taken up in 6 ml of Tris/HCl 50 mM, KCl 50 mM, MgCl<sub>2</sub> 5 mM pH 7.4 buffer and incubated in an ultrasound bath for 30 minutes at

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room temperature. The liposomes are stored at +4°C and sonicated again for 10 minutes before each use.

The acceptor particles are biotinylated low density lipoproteins (LDL-biot). These particles are supplied by the company Amersham.

5 The reaction mixture is prepared in untreated ½ well white plates (Corning Costar) by addition, in the following order, of: 5 µL of HEPES 50 mM, NaCl 150 mM, BSA 0.1% (w/v), 0.05% sodium azide (w/v), pH 7.4 buffer; 5 µL of liposomes; 5 µL of LDL-biot; 5 µL of test products in DMSO; 5 µL of MTP. After incubation for 18-24 hours at 37°C, the reaction is stopped by adding 100 µL of Amer-  
10 sham SPA (Scintillation Proximity Assay) beads coupled to streptavidin, and the radioactivity is counted using a Top Count (Packard) machine at least one hour later. The inhibition of the transfer of the triglycerides with a compound is reflected by a reduction in the transferred radioactivity. The percentage of inhibition for a given compound is determined relative to controls that do not comprise com-  
15 pounds in the reaction mixture.

The results are expressed in terms of the IC<sub>50</sub>, i.e. the concentration that allows a 50% inhibition of MTP. These results are summarized in Table A below for a number of representative compounds of the invention.

20

**TABLE A**

<b>Example</b>	<b>IC<sub>50</sub> (nM)</b>
1	51
3	57
4	720
5	660
6	385
7	926
8	892
9	58
10	167

**Analysis of the secretion of apo B in the HepG2 human cell line:**

The activity of a compound according to the invention can be evaluated by measuring the inhibition of apo B secretion in HepG2 cells.

The HepG2 cells (ECACC – No. 85011430) are used as model in the study of the in vitro hepatic secretion of lipoproteins (Dixon J. and Ginsberg H., *J. Lipid. Res.*, 1993, **34**,167-179).

The HepG2 cells are cultured in Dulbecco's modified Eagle's medium comprising 10% foetal calf serum (DMEM and FBS - Gibco) in 96-well plates under an atmosphere of 5% carbon dioxide for 24 hours (about 70% confluence).

The test compounds are dissolved at a concentration of 2 or 10 mM in dimethyl sulfoxide (DMSO). Serial dilutions (1:3.16) are made in DMSO and are added (1:200 – Robot Multimek Beckman) to the growth medium (200  $\mu$ L) and then finally incubated for 24 hours in the various wells containing the HepG2 cells.

The 24-hour culture supernatant diluted to 1:5 (phosphate-buffered saline: PBS comprising 1% bovine serum albumin) is tested according to a sandwich-ELISA method specific for human apo B.

The results are expressed in terms of  $IC_{50}$ , i.e. the concentration that produces a 50% inhibition of apo B secretion in the HepG2 cells.

These results are collated in Table B below for a number of representative compounds of the invention.

**TABLE B**

<b>Example</b>	<b><math>IC_{50}</math> (nM)</b>
1	20
3	12
4	307
5	286
6	288
9	7